

1/69

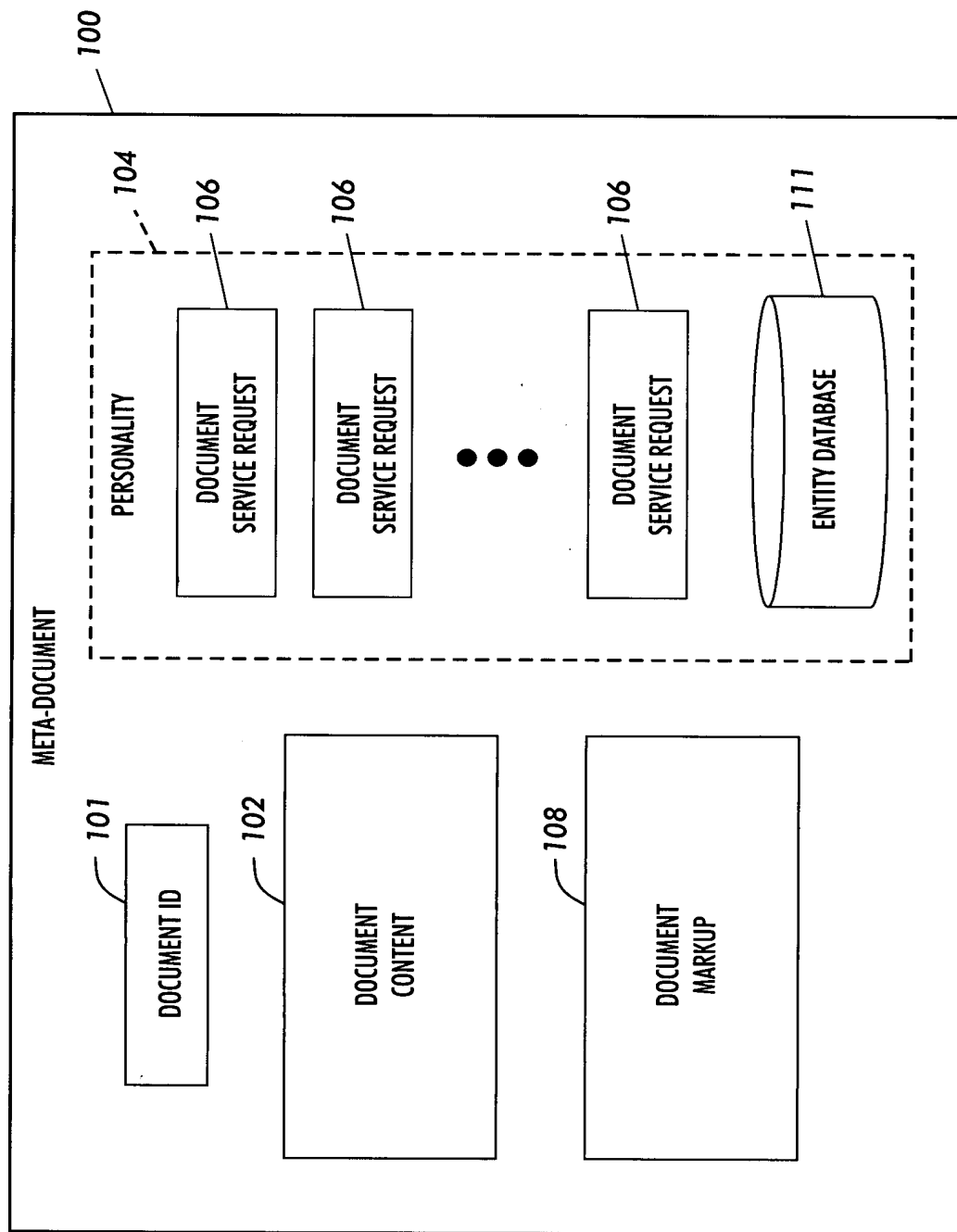


FIG. 1

2/69

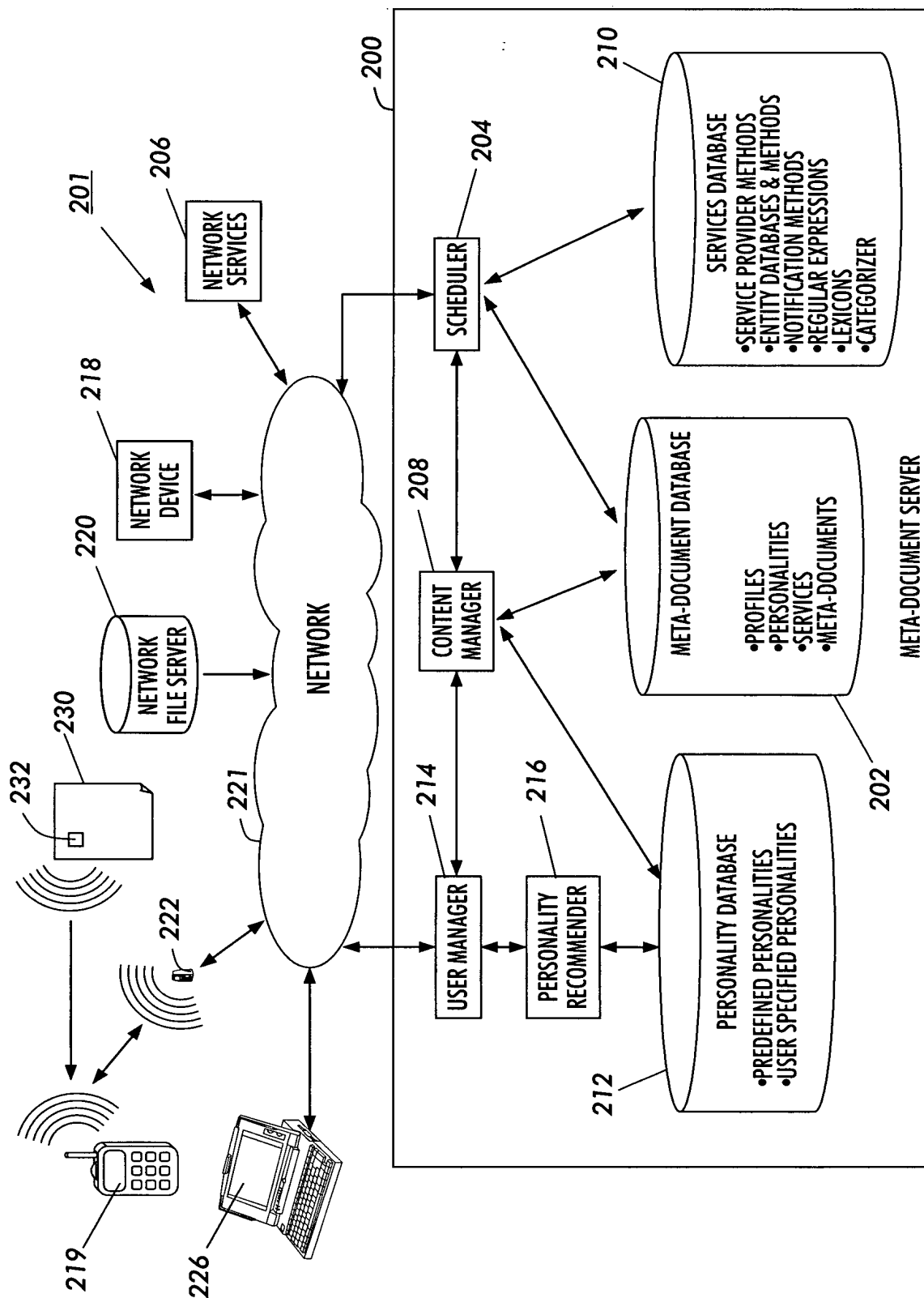


FIG. 2

3/69

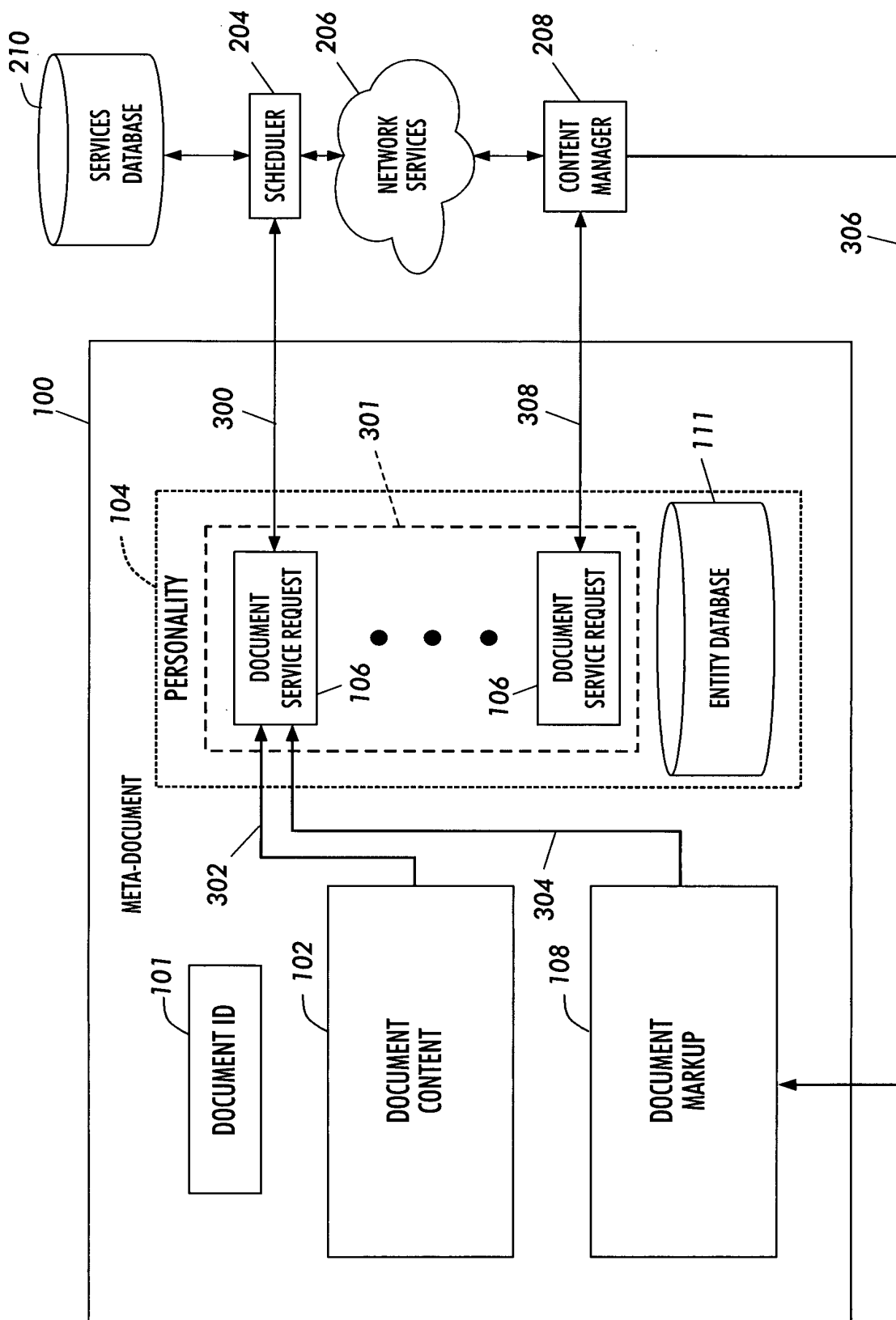


FIG. 3

4/69

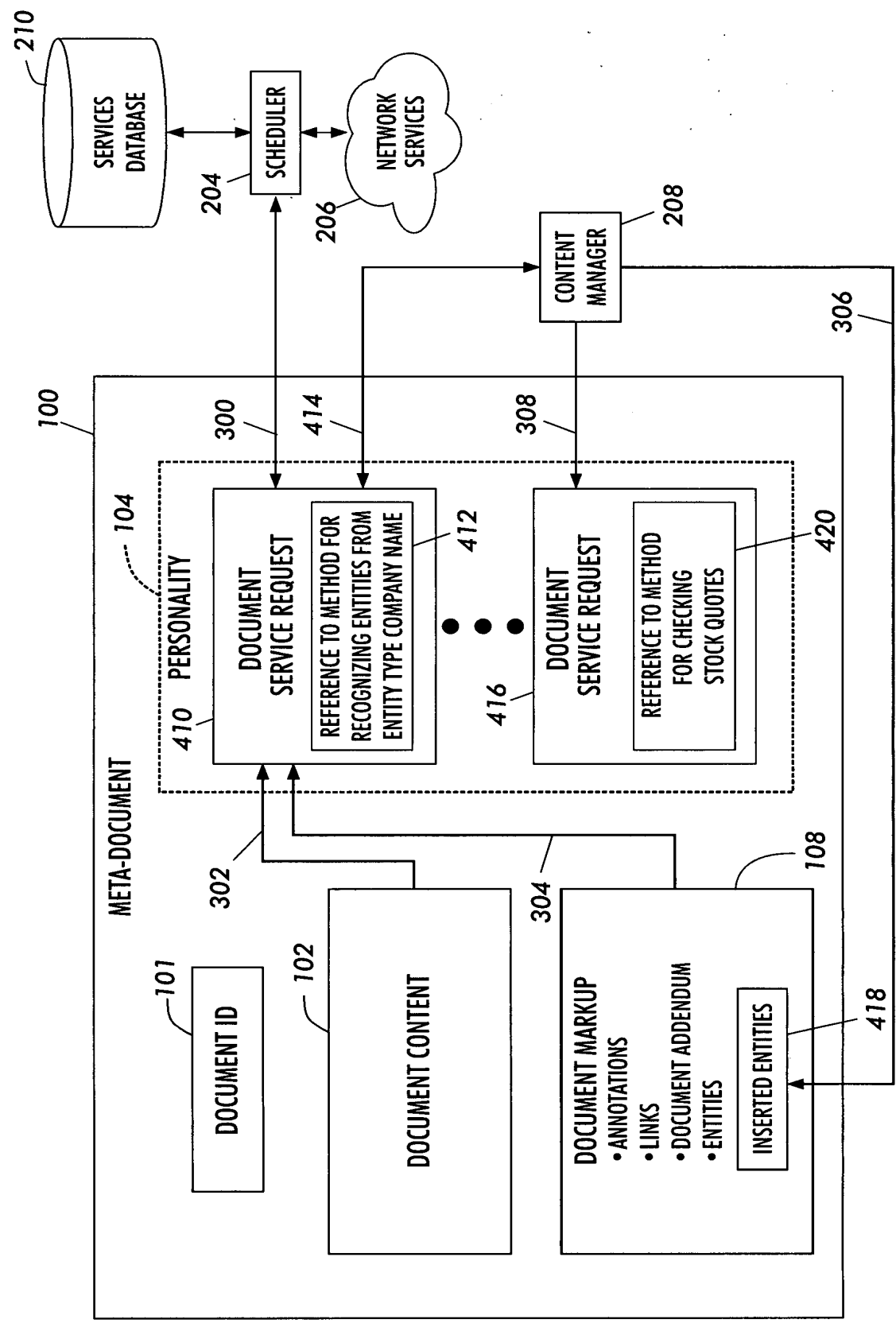


FIG. 4

5/69

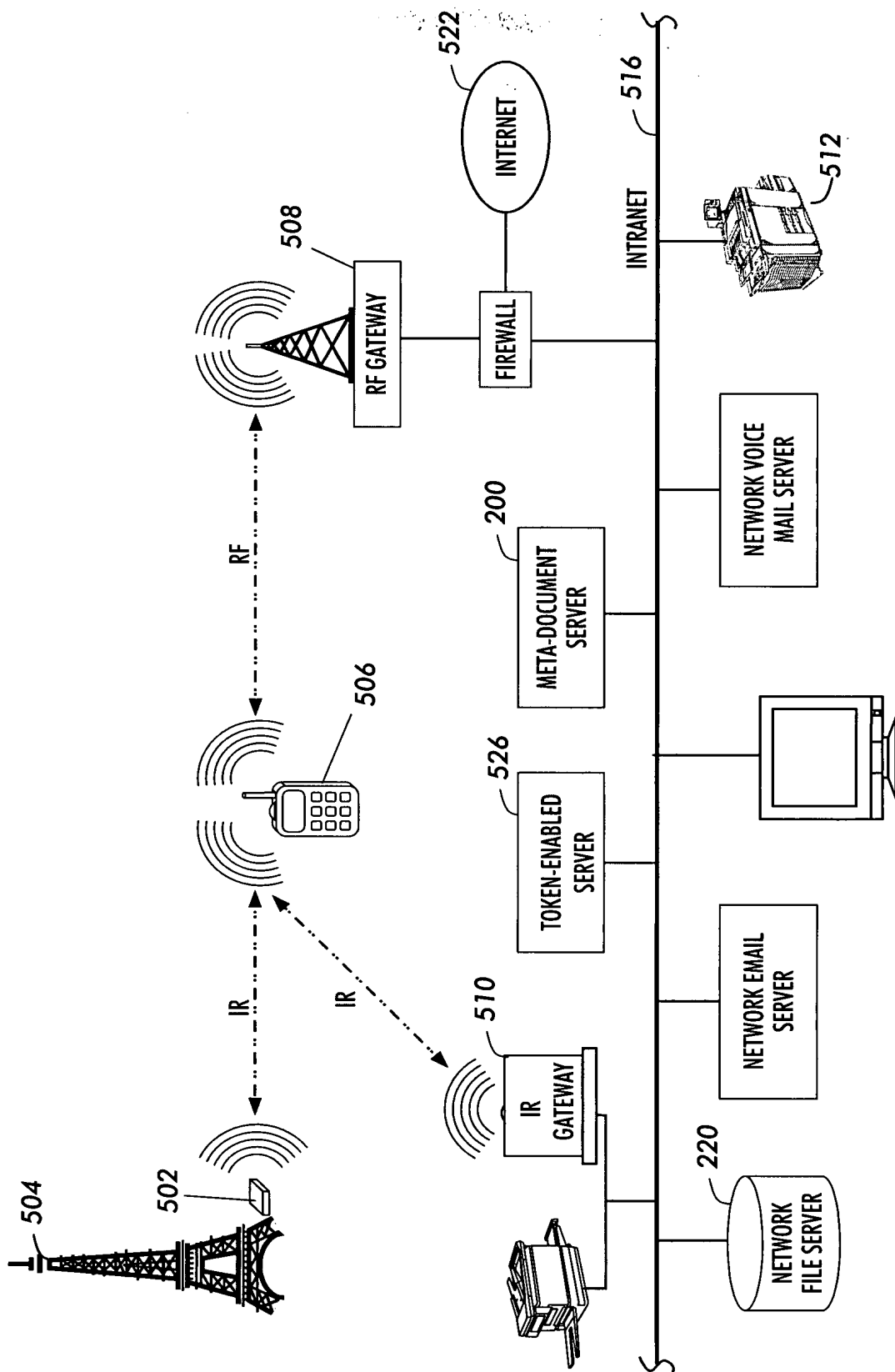
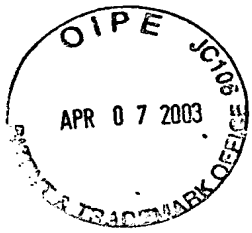


FIG. 5



6/69

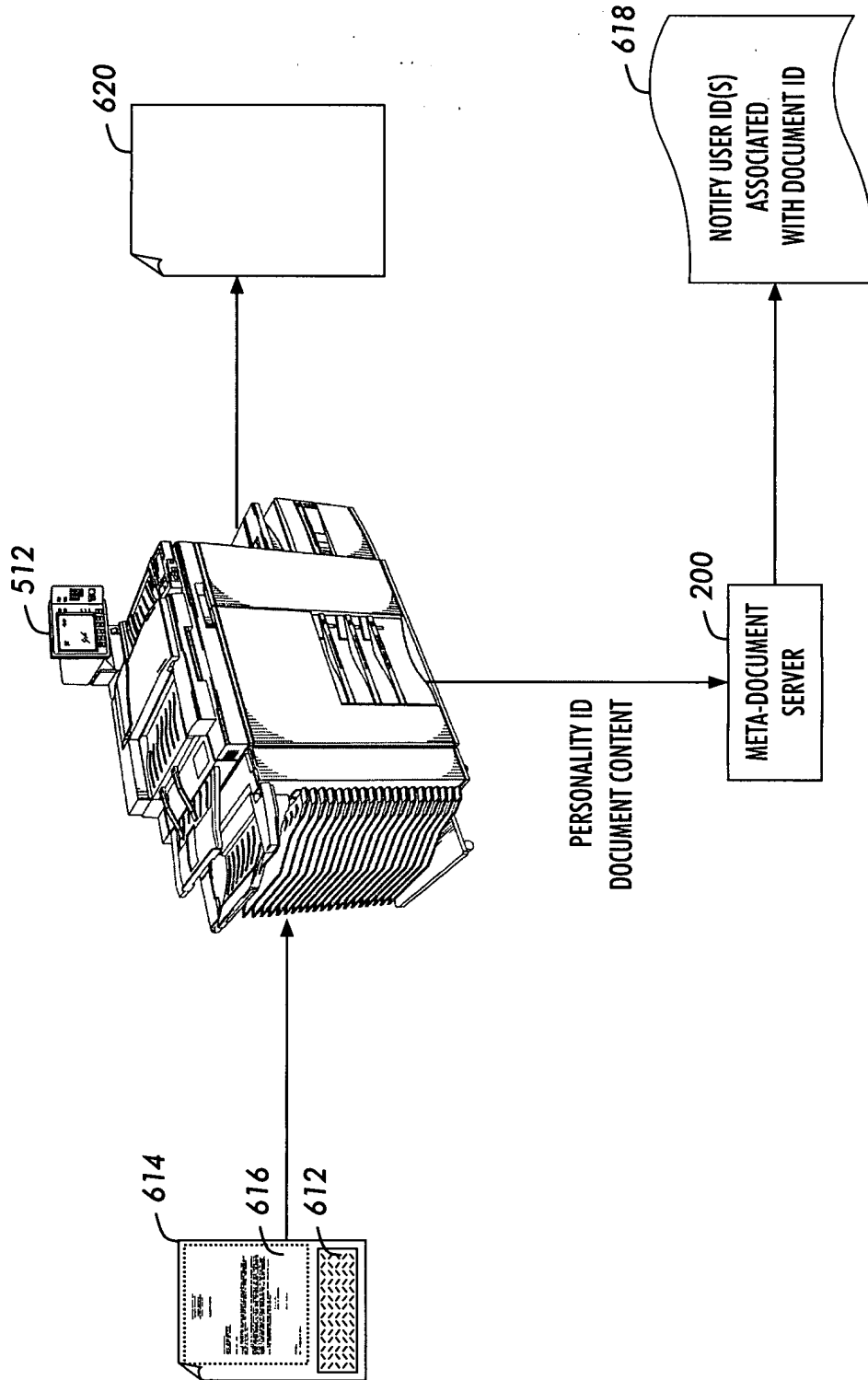


FIG. 6



2172
09/683,235

7/69

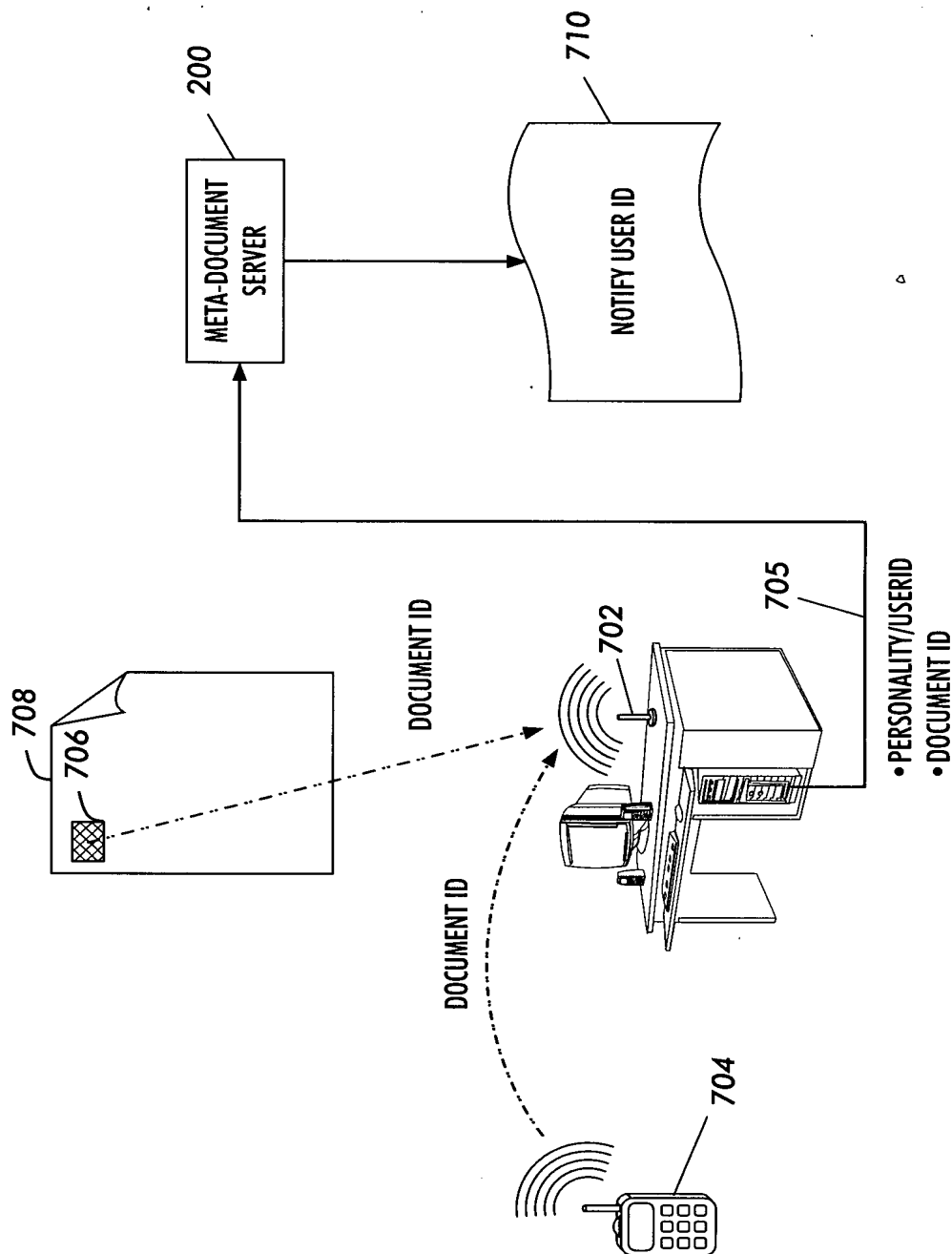




FIG. 7



8/69

 **PRINT** ? X

PRINTER

NAME:  \\BOUILLANTE\TIMES PROPERTIES

STATUS: IDLE 814

TYPE: XEROX 4517 POSTSCRIPT LEVEL 2

WHERE: TIMES.GRENOBLE.XRCE.XEROX.COM:PASSTHRU ☐ PRINT TO FILE

COMMENT: XEROX N2125 B&W DUPLEX - LE CHATEAU - 2ND FLOOR

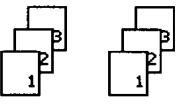
PAGE RANGE

☒ ALL
☐ CURRENT PAGE ☐ SELECTION
☐ PAGES:

ENTER PAGE NUMBERS AND/OR PAGE RANGES
SEPERATED BY COMMAS. FOR EXAMPLE 1,3,5-12
804

COPIES

NUMBER OF COPIES: 806

 ☒ COLLATE

ENRICHMENT

☒ PERSONALITY: BUSINESS 808 ☐ SELECT A PERSONALITY FOR ME

APPLY ENRICHMENT TO:

☒ ALL
☐ CURRENT PAGE ☐ SELECTION
☐ PAGES:

INSERT ENRICHMENT AS:

☒ LINKS
☐ CONTENT 810 OPTIONS...

PRINT WHAT: DOCUMENT 802 **PAGES PER SHEET:** 1 PAGE

PRINT: ALL PAGES IN RANGE 808 **SCALE TO PAPER SIZE:** NO SCALING

OPTIONS... OK CANCEL

800

FIG. 8



2172
09/683,235

9/69

PRINT DOCUMENT PROPERTIES

LAYOUT **PAPER/QUALITY** **ENRICHMENT**

902 ☒ PERSONALITY: **BUSINESS** ☐ SELECT PERSONALITY FOR ME 900

PROVIDE ENRICHMENT BY: 901

- ☒ PRINTING WITH DOCUMENT
- ☐ STORING AT SERVER

INSERT ENRICHMENT AS:

- ☒ LINKS
- ☐ CONTENT

WHEN STORING ENRICHMENT AT SERVER: 904

- ☒ EMAIL ME WHEN COMPLETED
ADDRESS:
- ☐ DO NOT NOTIFY ME

CAPTURE POINT: 908 906

- ☒ AT WORKSTATION
- ☐ AT PRINT SERVER

ADVANCED

OK **CANCEL**

FIG. 9

10/69

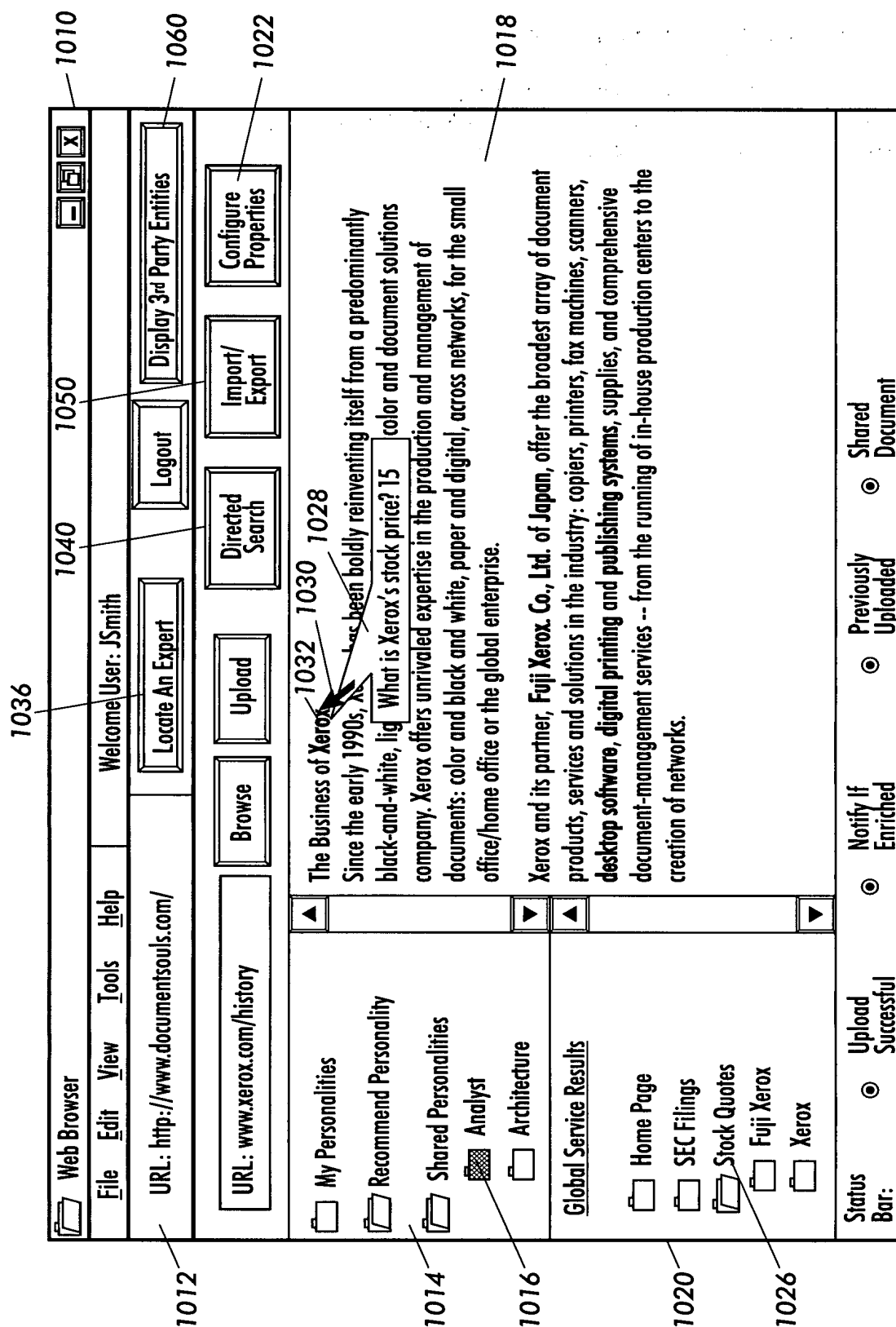


FIG. 10



2172
09/683,235

11/69

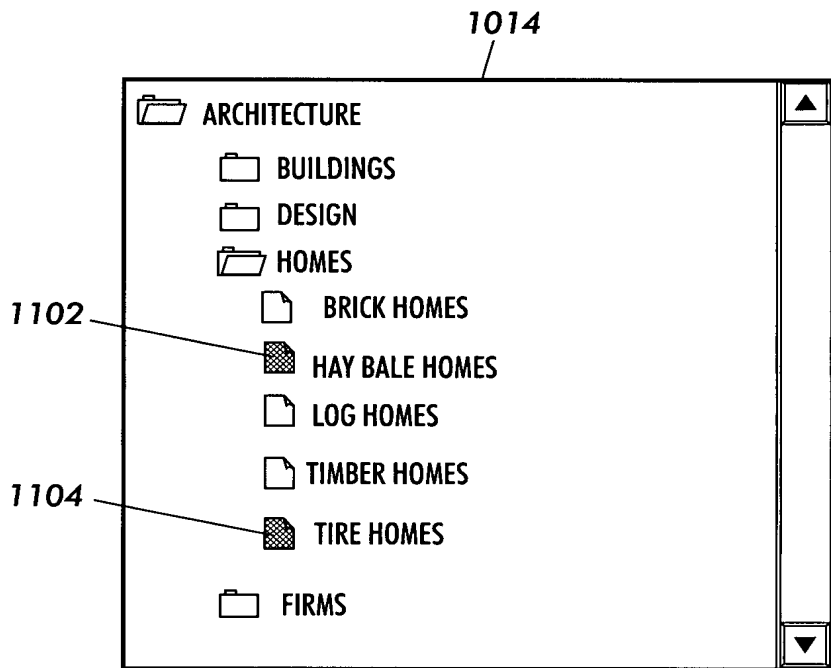


FIG. 11



2172
09/683,235

12/69

1210

1214

1212

1230

1220

1222

1224

1226

1204

1205

1206

1207

1242

1240

1216

OK

CANCEL

PROPERTIES FOR USER JSMITH

LAYOUT SHARING PERSONALITIES

DEFAULT: ANALYST

RECOMMEND PERSONALITY FOR ME

PROPAGATE ENRICHMENT BETWEEN DOCUMENTS:

NO

YES

INSERT ENRICHMENT AS:

LINKS

CONTENT

AUTOMATICALLY DETERMINE TO LINK OR INSERT CONTENT

WHEN DOCUMENT ENRICHED NOTIFY ME BY:

VOICE MESSAGE

EMAIL

SMS TEXT MESSAGE

AUTOMATICALLY COMPLETE CITATIONS:

NO

YES, DEPTH: 4

ORGANIZE MY PERSONALITIES

CREATE/MODIFY MY PERSONALITIES

FIG. 12



2172
09/683,235

13/69

1310

CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES

1316

HISTOGRAM OF AVAILABLE PERSONALITIES

Name	Creation Date	%
Technology Watch in Computer Sciences	2001-03-16 14:08:06	%
Watch Business	2001-03-16 14:08:08	%
Watch Legal	2001-03-16 14:08:10	%
Watch Intellectual Property	2001-03-16 14:08:10	%
Scientific Watch in Medicine	2001-03-16 14:08:10	%

1312

HISTOGRAM OF ALL WATCH BUSINESS SERVICES

those Services are classified by Service Categories, a ticked checkbox meaning that the according service is attached to the selected personality.

1318

Click on this icon to view all available service categories

Search Engine

- luckygoogle People Google Lucky Result

Stock Quotes

- bloomberg Stock Quotes

1314

OK CANCEL

FIG. 13



14/69

1318 SEARCH ENGINE ☐ ☐

1400	1426	1412	1414	1430	1442	1440	1444	1450
SEL	NAME	ENTITY TYPE	ANNOTATE	DEPTH	PROVIDER	COST	QUERY	REFRESH
1404 <input checked="" type="checkbox"/>	COMPUTING	COMPUTING	ALWAYS	0	YAHOO	FREE	LINK	DAILY 1452
<input type="checkbox"/>	BIOLOGY	BIOLOGY	ALWAYS	0	GOOGLELUCKY	NULL	LINK	NEVER 1451
<input type="checkbox"/>	MEDICINE	MEDICINE	ALWAYS	0	ALTAVISTA	FEE	LINK	AUTO 1455
<input type="checkbox"/>	APPLY PAIRS OF ENTITIES AND IDENTIFY 3RD PARTY ENTITIES	COMPANIES	EXPERT	0	GOOGLELUCKY	NULL	CONTENT	NULL 1453
1420 <input type="checkbox"/>	APPLY PAIRS OF ENTITIES USING GOOGLELUCKY	PRODUCTS	ALWAYS	2	NORTHERNLIGHTS	NULL	LINK	WEEKLY 1456
<input type="checkbox"/>	COUNTRIES	COUNTRIES	NOVICE	0	GOOGLELUCKY	FEE	CONTENT	UNTIL 2003
<input type="checkbox"/>	ASTRONOMY	ASTRONOMY	ALWAYS	1	GOOGLE	NULL	LINK	MONTHLY 1454
1408 <input checked="" type="checkbox"/>	PEOPLE	PEOPLE	ALWAYS	3	GOOGLE.PEOPLE	NULL	LINK	NULL

1424 VIEW HIERARCHY 1432 SET DEPTH

FIG. 14



2172
09/683,235

15/69

1502

CREATE/MODIFY MY PERSONALITIES

NAME: 1504

☒ CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES 1506

☐ USE SELECTED DOCUMENTS AND/OR FOLDERS TO CREATE A NEW PERSONALITY 1508

☐ 1509

☐ USE SELECTED FILE/WEBSITE TO CREATE A NEW PERSONALITY 1510

☐

☐ CREATE QUESTION FORM USING PERSONALITY LEXICONS 1520

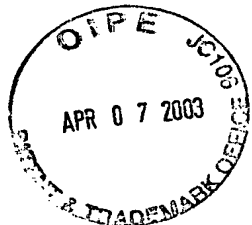
☐ QUESTION:

Hint: 1514

1516 KNOWLEDGE LEVEL: ☒ NOVICE ☐ EXPERT

1512

FIG. 15



2172
09/683,235

16/69

1600

CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES

NAME: TECHNOLOGY WATCH IN ORGANIC CHEMISTRY

OPERATION:

☒ MERGE 1602

☐ SUBTRACT 1604

PERSONALITY A ▼

WITH/FROM

PERSONALITY B ▼

OK CANCEL

FIG. 16

17/69

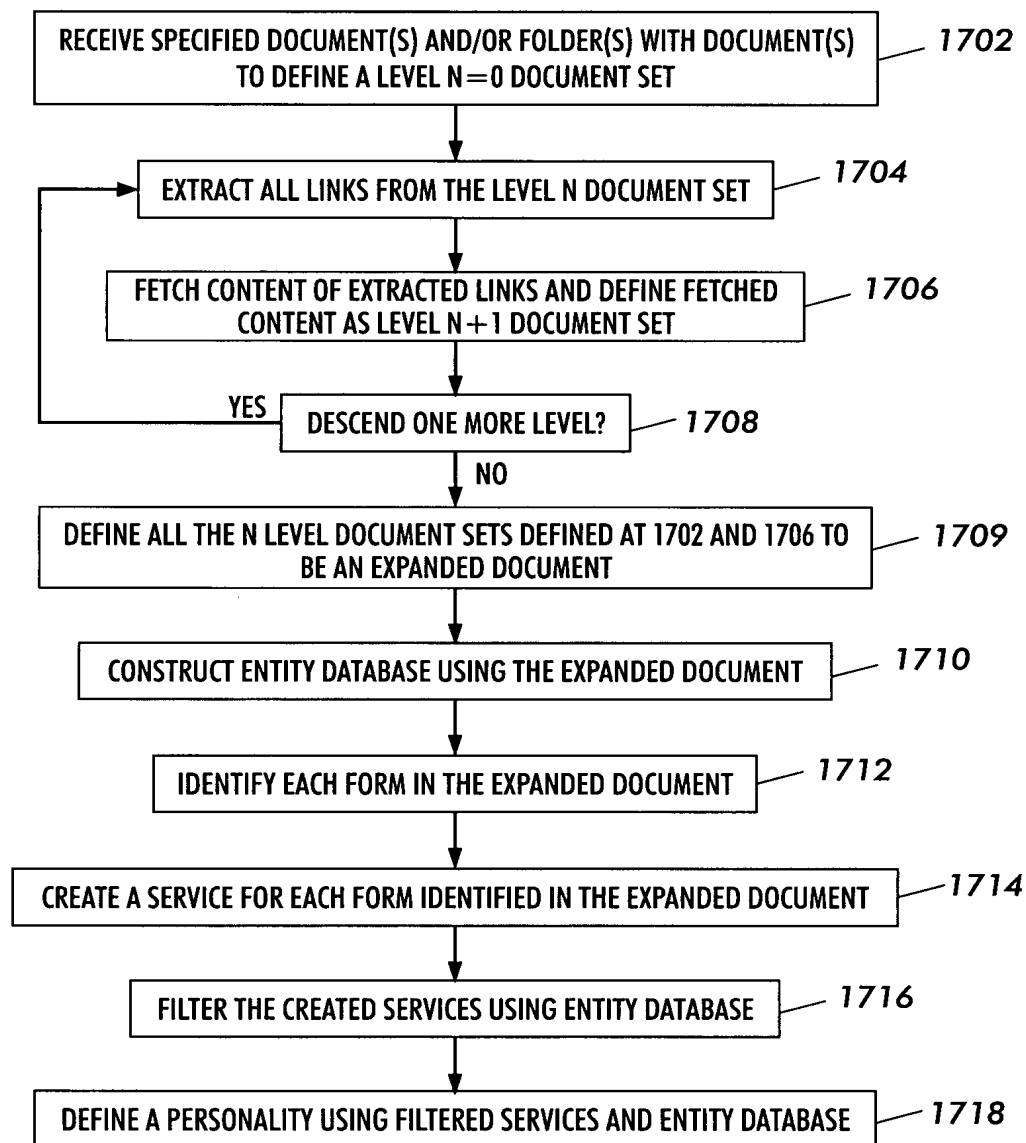


FIG. 17

18/69

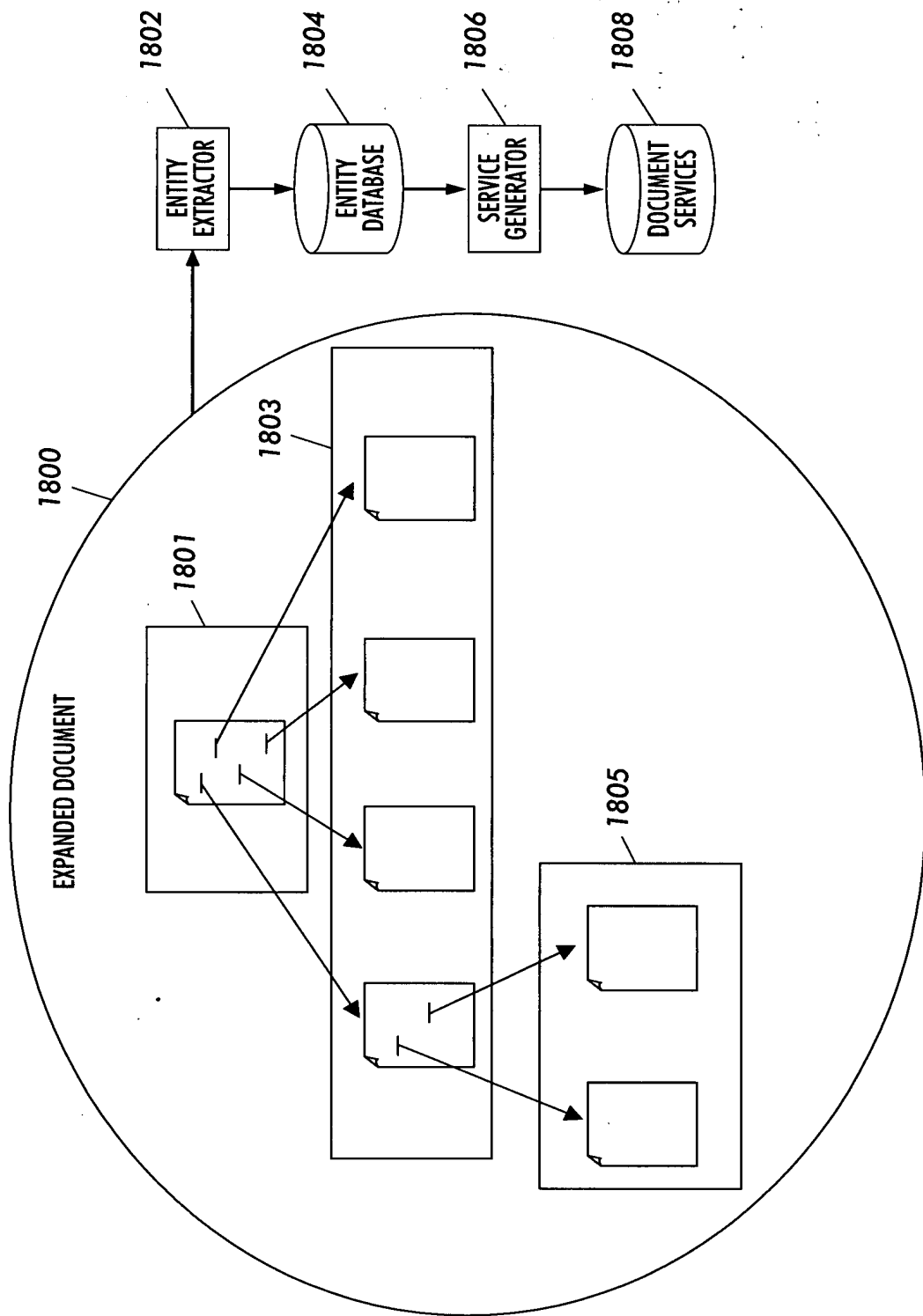


FIG. 18



2172
09/683,235

19/69

1900

SCIENTIFIC CONTENT PROVIDER (S.C.P.):

1901

SEARCH

SEARCH IN:

1902 ☒ ALL FOLDERS

1903 ☐ PHYSICS FOLDER

1904 ☐ CHEMISTRY FOLDER

1905 ☐ BIOLOGY FOLDER

FIG. 19



2172
09/683,235

20/69

SCIENTIFIC SEARCH <input type="checkbox"/> <input type="checkbox"/>									
SEL	NAME	ENTITY TYPE	ANNOTATE	DEPTH	PROVIDER	COST	QUERY	REFRESH	
<input checked="" type="checkbox"/>	ALL FOLDERS RESULT OF SCIENTIFIC CONTENT PROVIDER	STANDARD	ALWAYS	0	S. C. P.	FREE	CONTENT	NULL	
<input type="checkbox"/>	PHYSICS RESULT OF SCIENTIFIC CONTENT PROVIDER	PHYSICS	ALWAYS	0	S. C. P.	FREE	CONTENT	NULL	
<input type="checkbox"/>	CHEMISTRY RESULT OF SCIENTIFIC CONTENT PROVIDER	CHEMISTRY	ALWAYS	0	S. C. P.	FREE	CONTENT	NULL	
<input type="checkbox"/>	BIOLOGY RESULT OF SCIENTIFIC CONTENT PROVIDER	BIOLOGY	ALWAYS	0	S. C. P.	FREE	CONTENT	NULL	

2004

2002

FIG. 20

21/69

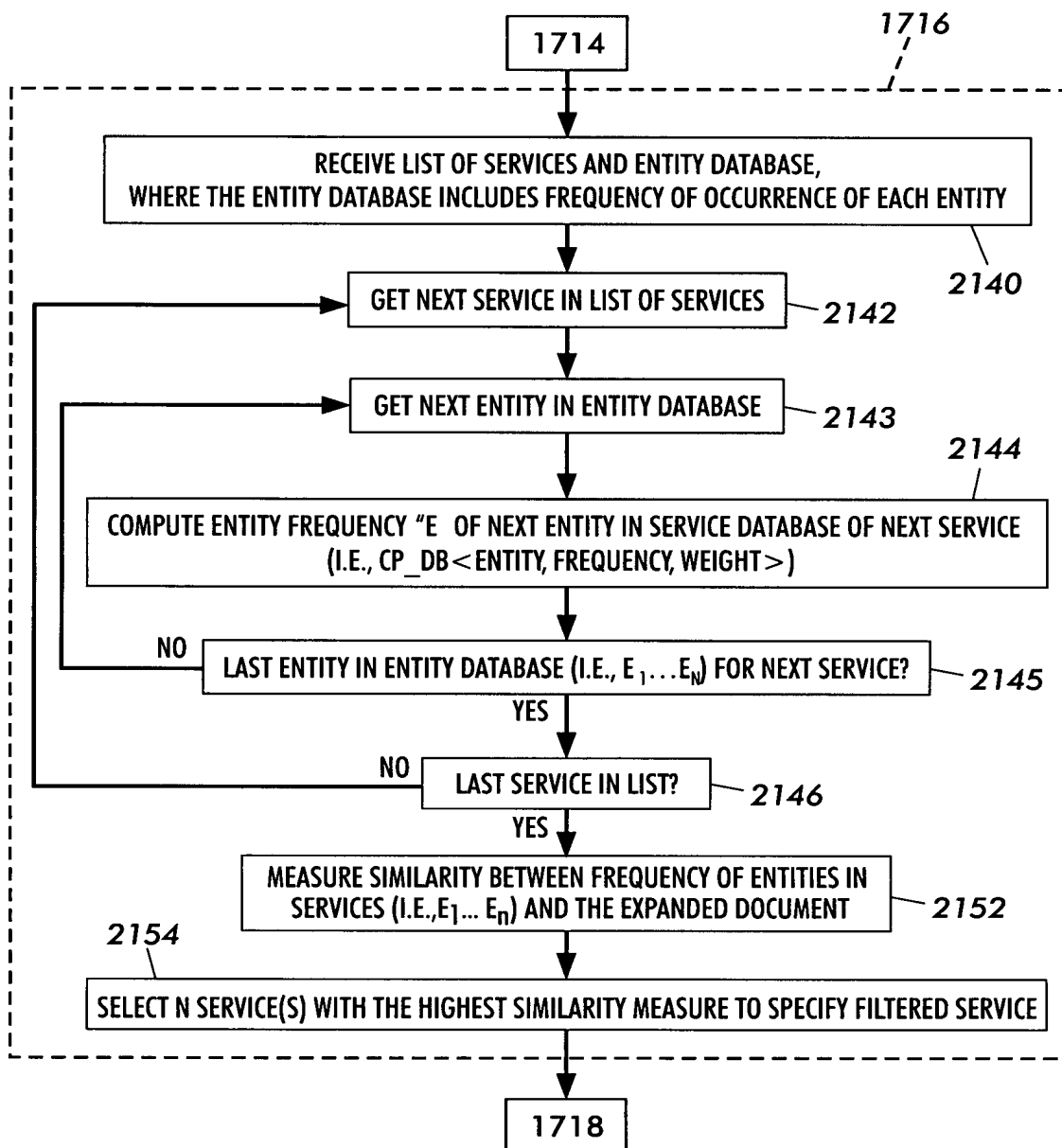
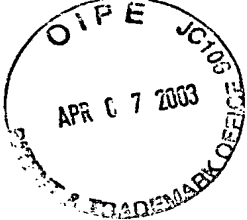


FIG. 21



2172
09/683,235

22/69

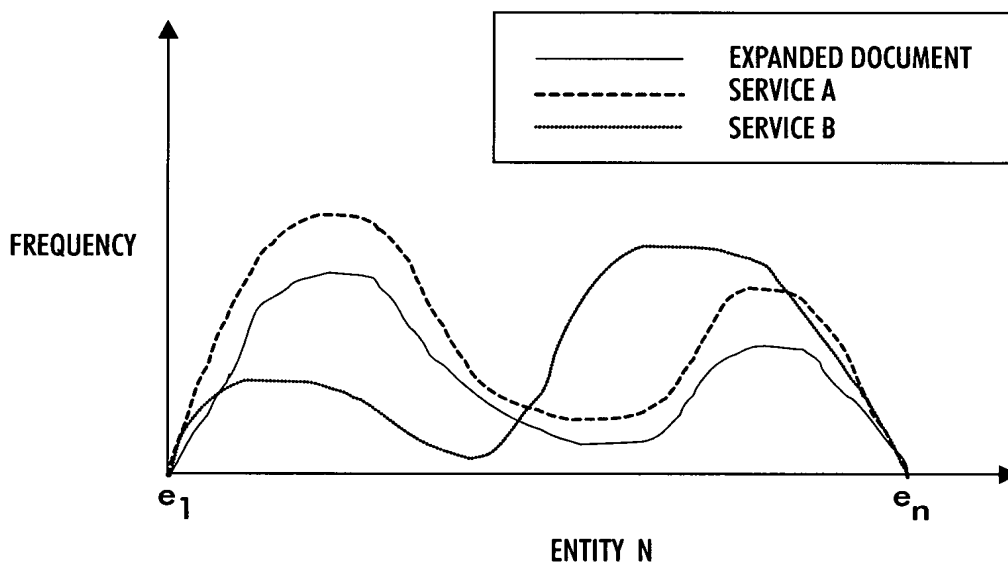


FIG. 22

23/69

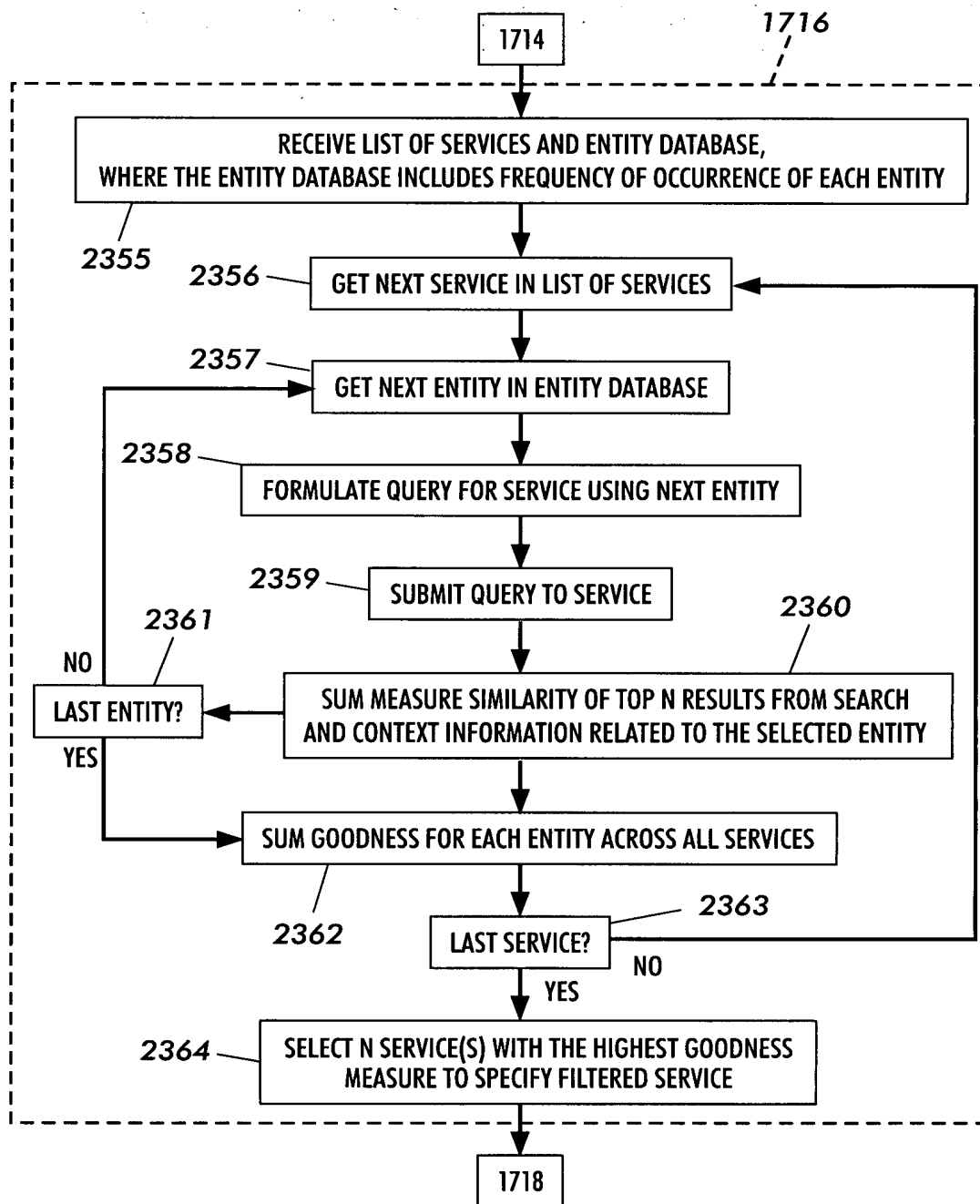


FIG. 23

24/69

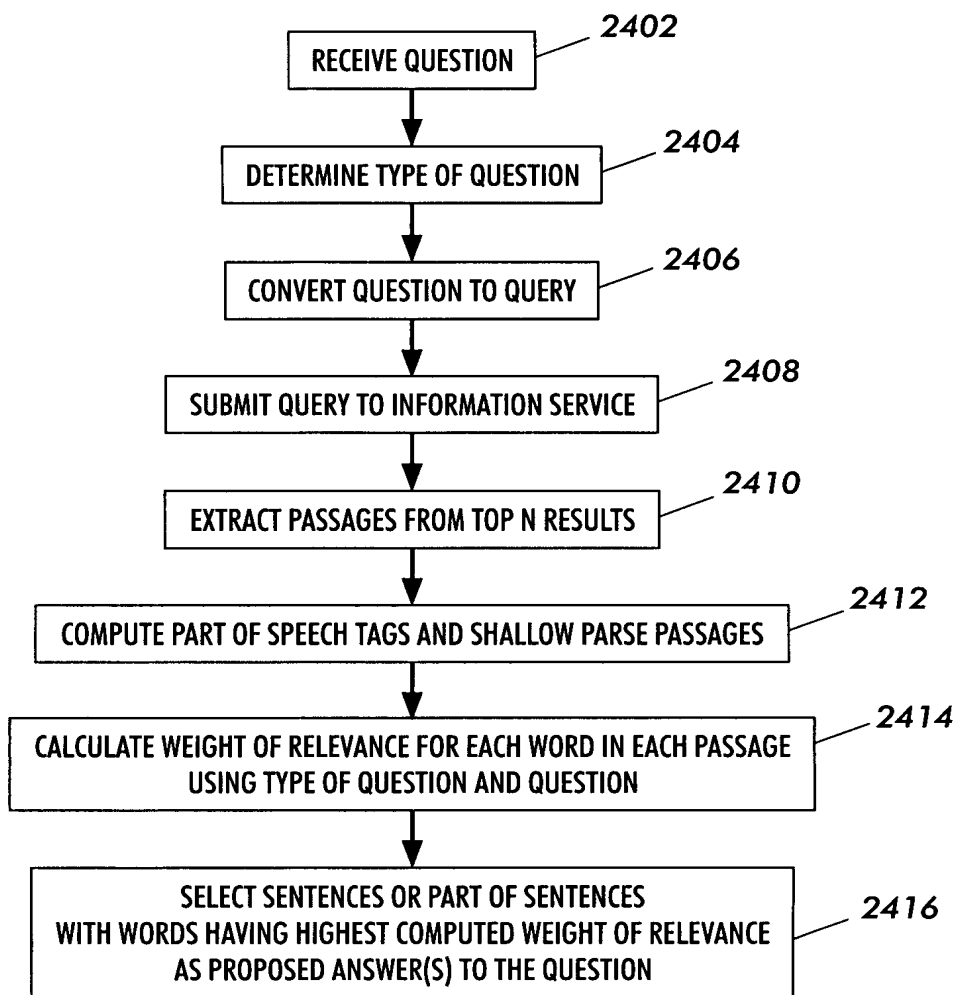


FIG. 24



25/69

2502

E-LEARNING SERVICES ASSOCIATED WITH E-LEARNING PERSONALITY	
SEL	
<input checked="" type="checkbox"/>	LINK WORDS OR MULTWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR DEFINITIONS
<input type="checkbox"/>	LINK WORDS OR MULTWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR TRANSLATIONS
<input type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO A TUTORIAL CONCERNING EACH TEXT UNIT
<input type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO AN EXPERT CONCERNING IDENTIFIED SUBJECTS
<input type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO AN INTERACTIVE COURSE ABOUT IDENTIFIED SUBJECTS
<input checked="" type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO A LIST OF REAL WORLD CLASSES ABOUT IDENTIFIED SUBJECTS
<input checked="" type="checkbox"/>	LINK TEXT UNITS TO (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) LEARNING RESOURCES CONCERNING EACH TEXT UNITS

2504

2506

2508

2510

2512

2514

2516

FIG. 25



2172
09/683,235

26/69

2602

LANGUAGE LEARNING SERVICES ASSOCIATED WITH LANGUAGE LEARNING PERSONALITY	
SEL	
<input checked="" type="checkbox"/>	LINK WORDS OR MULTIWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR DEFINITIONS
<input type="checkbox"/>	LINK WORDS OR MULTIWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR TRANSLATIONS
<input type="checkbox"/>	LINK EACH SENTENCE, OR PHRASE, TO A GRAMMATICAL DESCRIPTION OF THE STRUCTURE OF THE SENTENCE OR PHRASE
<input type="checkbox"/>	LINK EACH WORD, MULTIWORD EXPRESSION, PHRASE OR SENTENCE TO OTHER INSTANCES OF THE SAME IN DIFFERENT CONTEXTS FROM THE PRESENT
<input type="checkbox"/>	LINK EACH WORD, MULTIWORD EXPRESSION, PHRASE OR SENTENCE TO ONE OR MORE INTERACTIVE GRAMMAR EXERCISES CONCERNING THAT ELEMENT
<input checked="" type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO A LIST OF REAL WORLD CLASSES ABOUT IDENTIFIED LANGUAGE
<input checked="" type="checkbox"/>	LINK TEXT UNITS TO (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) LANGUAGE LEARNING RESOURCES CONCERNING EACH TEXT UNITS

FIG. 26



2172
09/683,235

27/69

2710

STOCK QUOTE OPTIONS

2718 2720

PROPERTIES

UPDATE FREQUENCY: EVERYDAY ▼

INSERT INFORMATION AS:

2714 ▼ ☐ LINK ☒ CONTENT 2716 ▼ ☐ DETERMINE AUTOMATICALLY 2724

APPLY SERVICE BEHAVIOR TO

☐ ALL DOCUMENTS ☒ CURRENT DOCUMENT ☐ SELECTION ONLY 2712

OK CANCEL

FIG. 27



2172
09/683,235

28/69

2800

ANNOTATE PROPERTY

ANNOTATE ENTITIES WHEN:

☐ ALWAYS

☒ EXPERT MODE:

ANNOTATE ONLY THOSE ENTITIES THAT OCCUR WITH A FREQUENCY LESS THAN: 4 IN THE REFERENCE DOCUMENT(S) AND/OR DATABASE(S) AT WWW.XRCE.XEROX.COM/DB/EXPERT.

☐ NOVICE MODE:

ANNOTATE ONLY THOSE ENTITIES THAT OCCUR WITH A FREQUENCY GREATER THAN: 20 IN THE REFERENCE DOCUMENT(S) AND/OR DATABASE(S) AT WWW.XRCE.XEROX.COM/DB/NOVICE.

AND

ANNOTATE ENTITY WHEN IT APPEARS IN DOCUMENT CONTENT WITH A FREQUENCY GREATER THAN: 4.

CHANGE REFERENCE

OK CANCEL

2802 2804 2806 2810 2808 2801 2805 2803 2807 2811

FIG. 28



2172
09/683,235

29/69

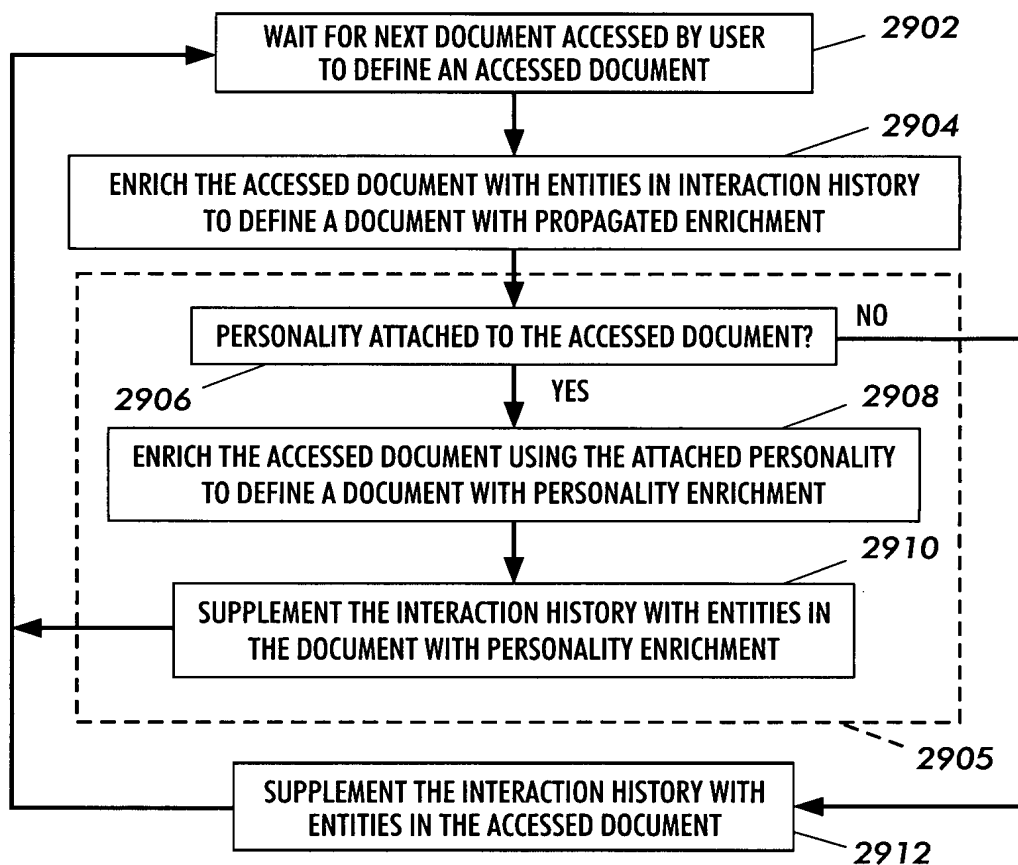


FIG. 29

30/69

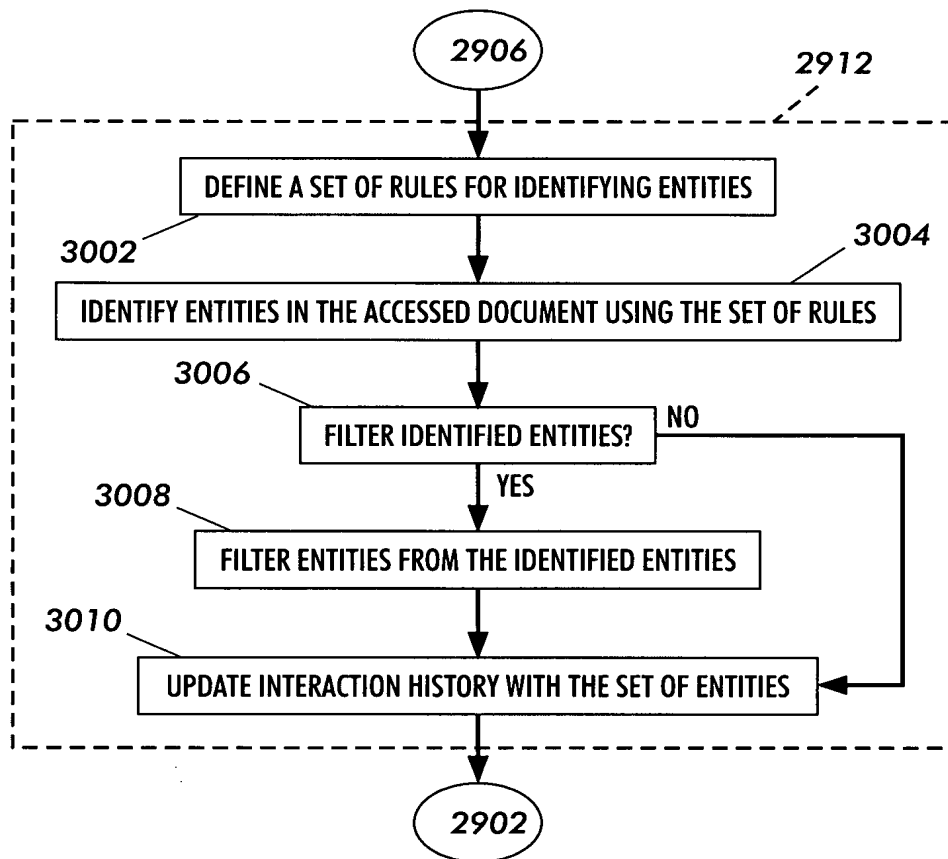


FIG. 30

31/69

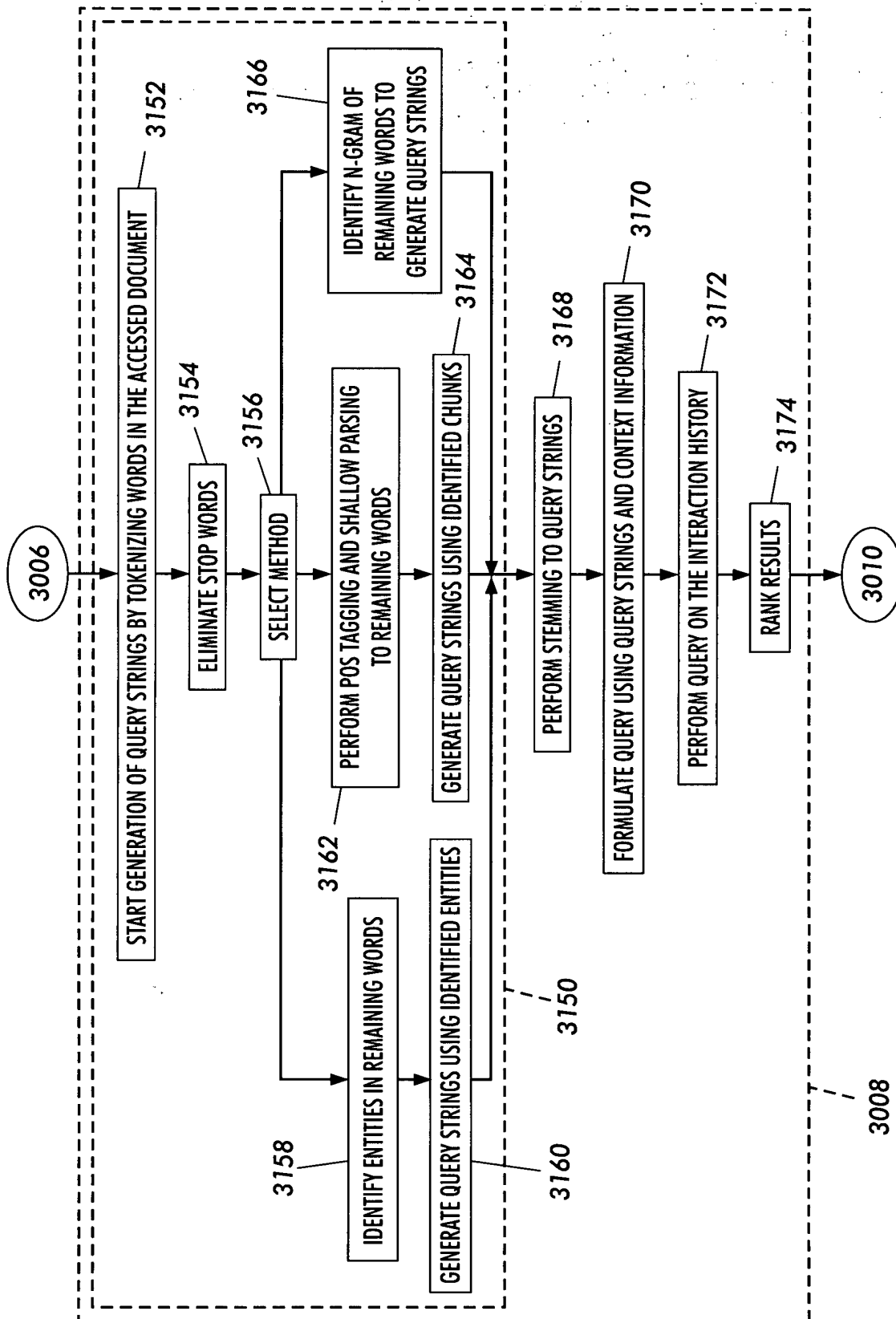


FIG. 31

32/69

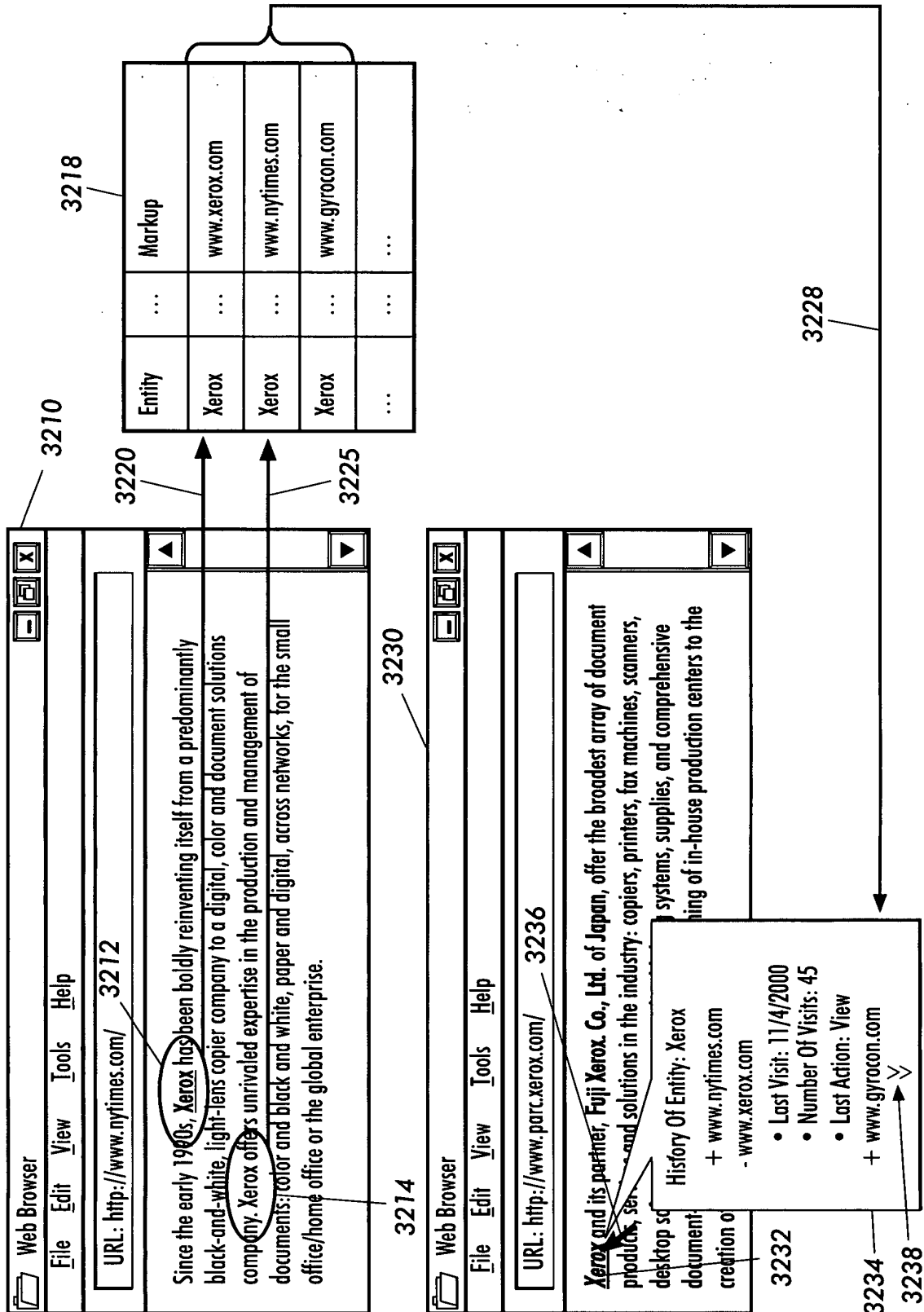


FIG. 32



2172
09/683,235

33/69

3218

ENTITY	ENTITY TYPE	VISITS	LAST VISIT	ACTION LIST	DMOZ CATEGORY	LOCATION	POS	MARKUP
XEROX	BUSINESS	45	11/4/2000	VIEW (43), PRINT(2)	BUSINESS	40	NOUN	WWW.XEROX.COM
XEROX	BUSINESS	1	5/1/2001	VIEW(1)	FINANCE	689	NOUN	WWW.NYTIMES.COM
XEROX	BUSINESS	4	2/22/2001	EMAIL(1), VIEW(3)	COMPUTER	343	NOUN	WWW.GYROCON.COM
...

FIG. 33

34/69

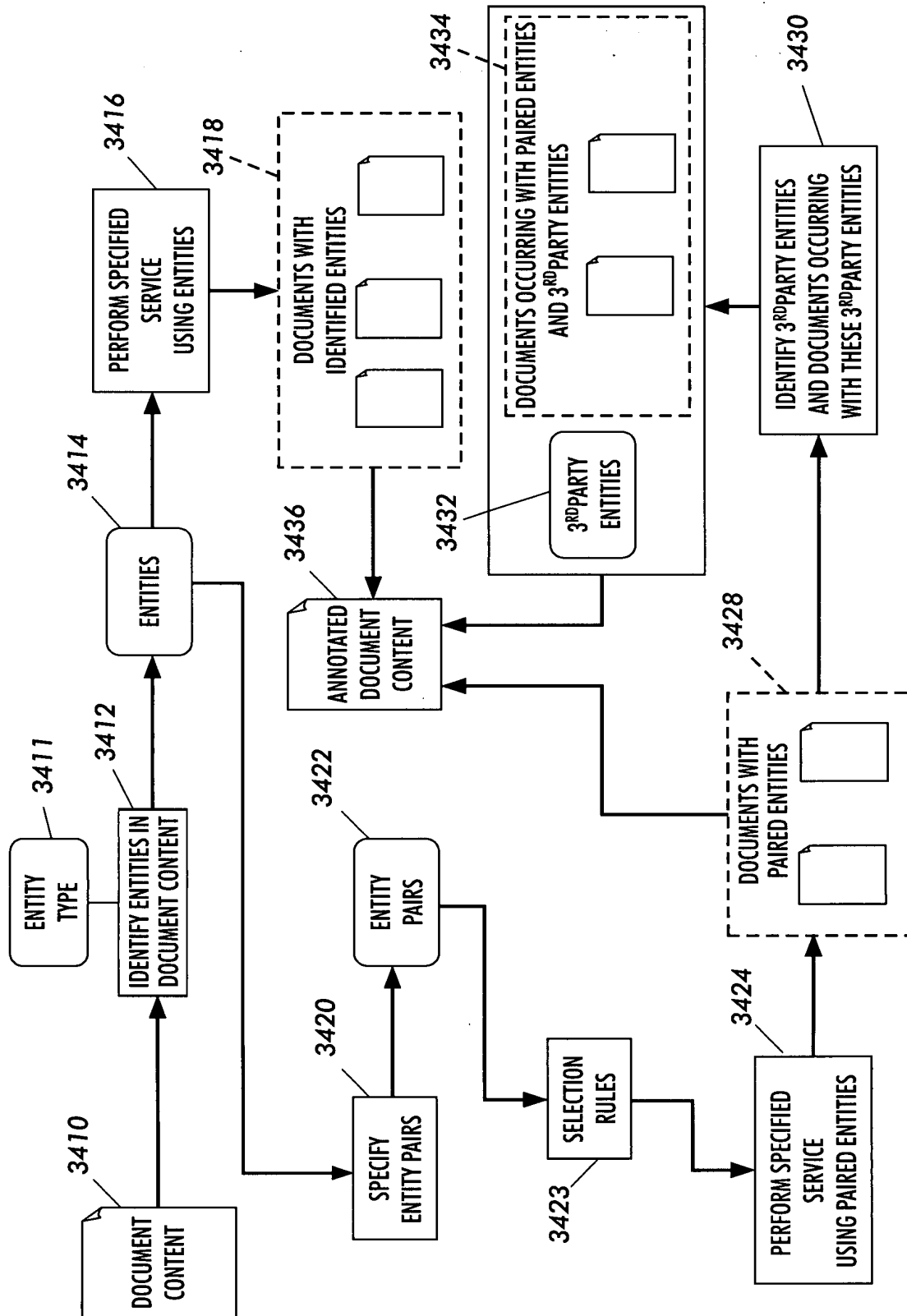


FIG. 34



35/69

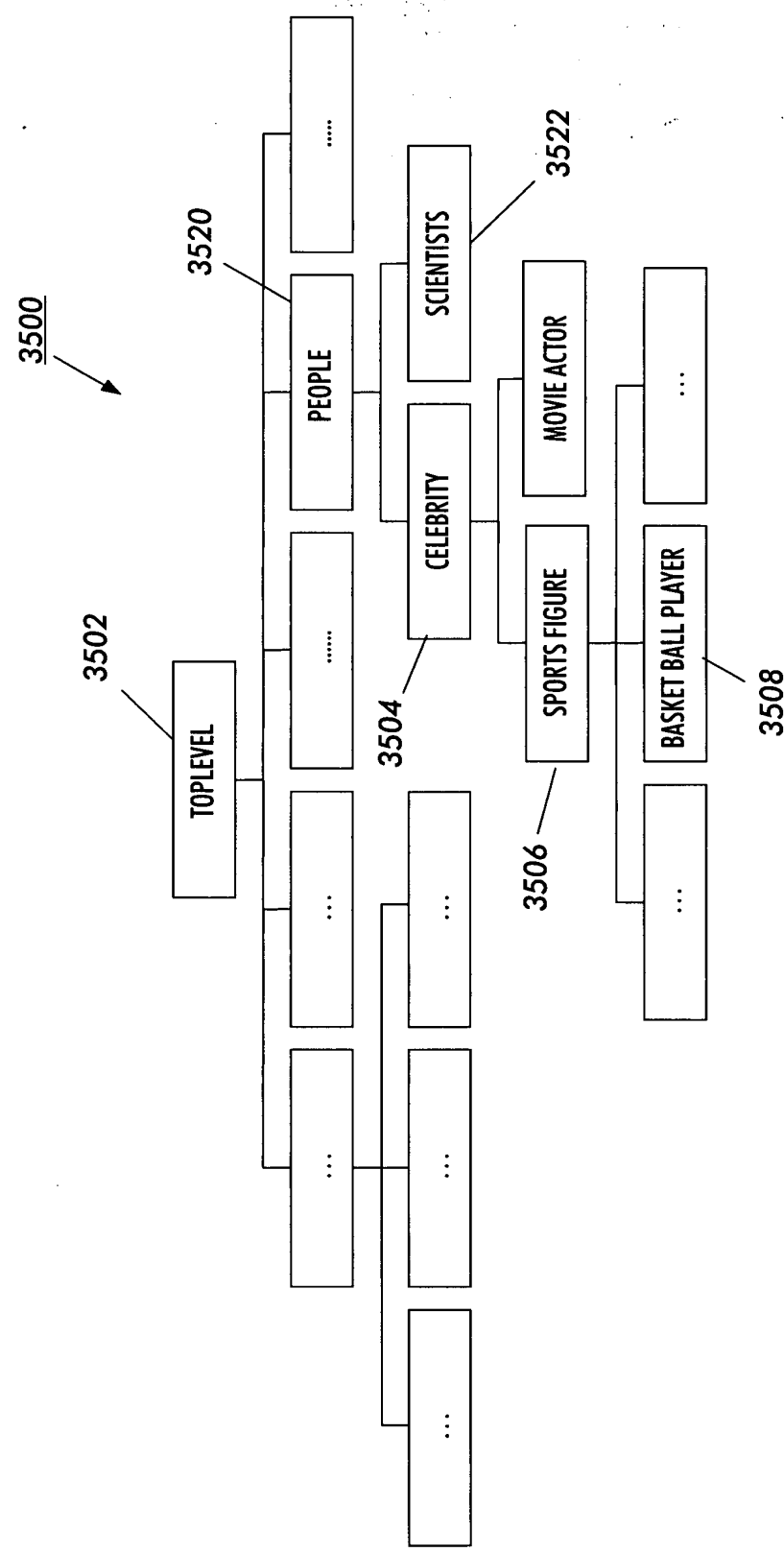


FIG. 35

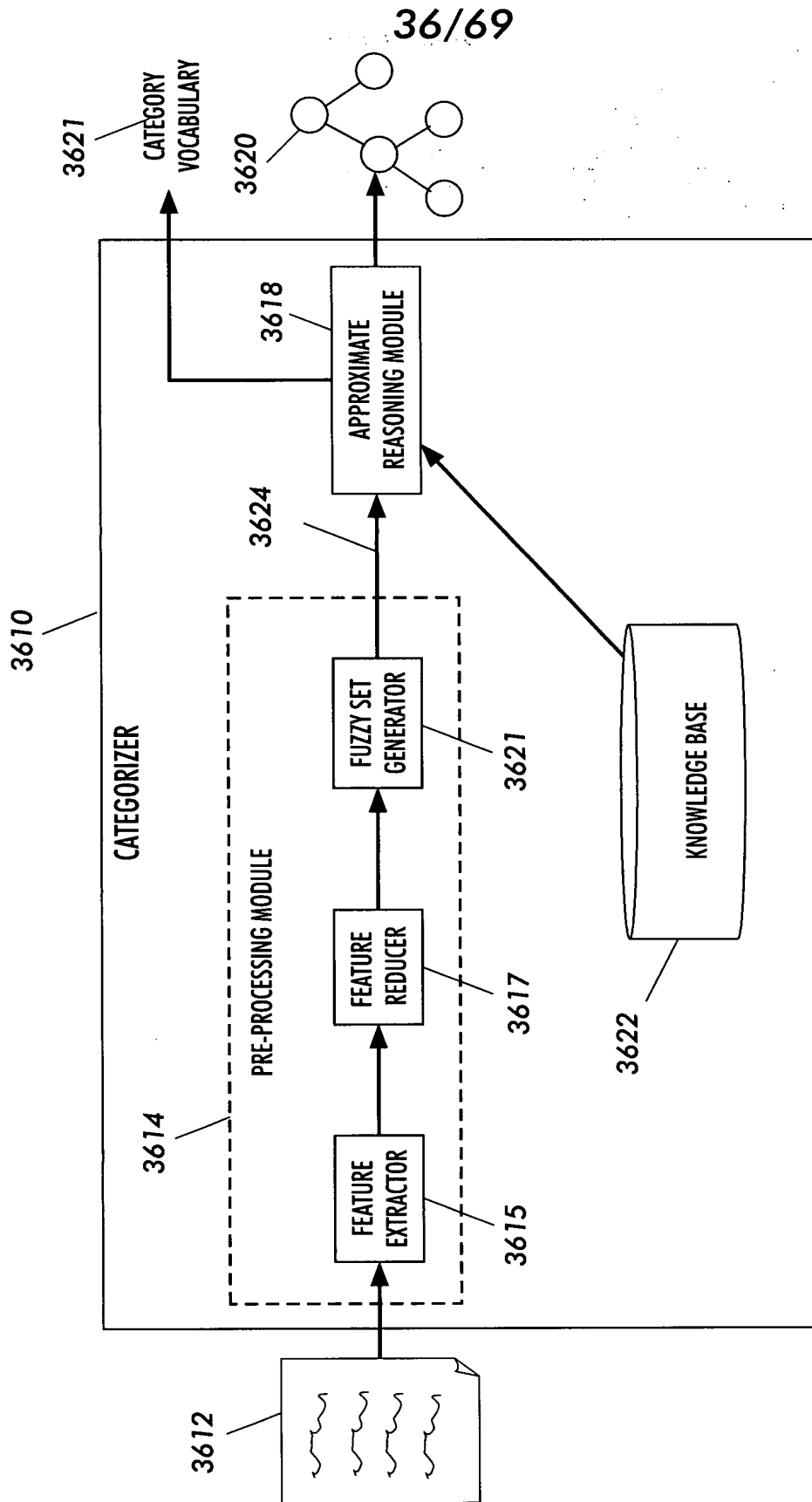
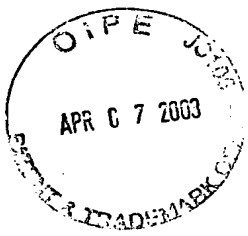


FIG. 36



37/69

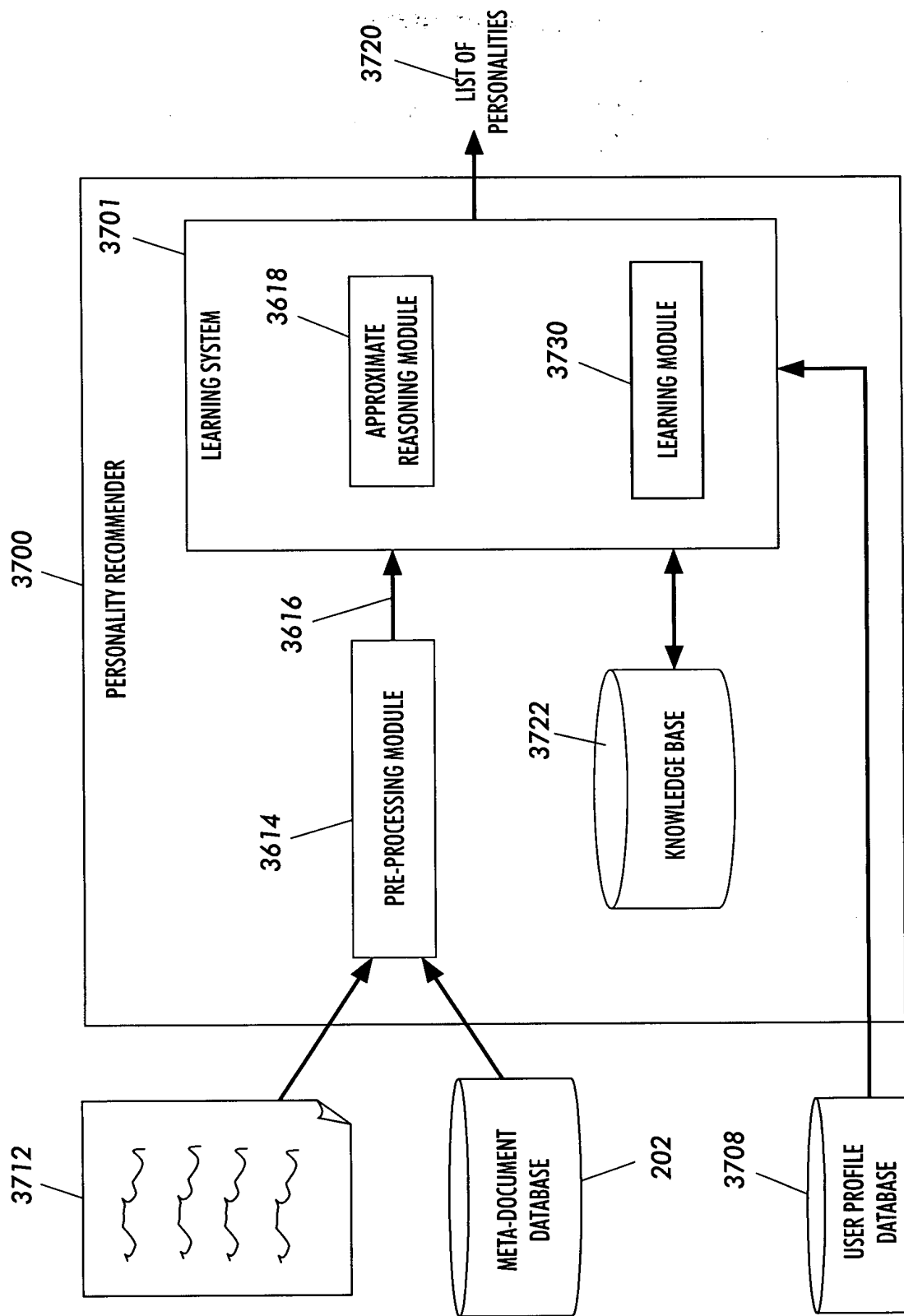


FIG. 37



38/69

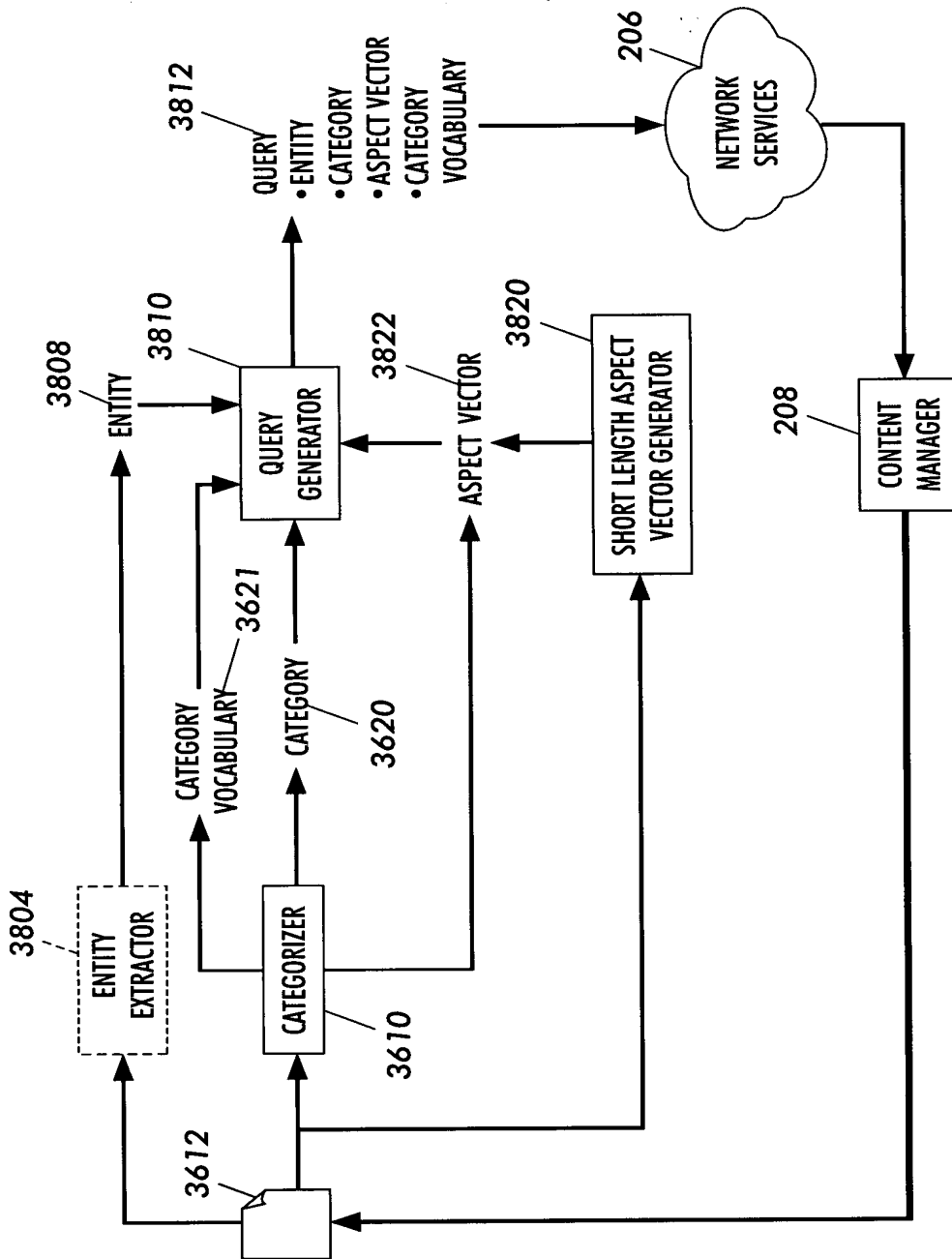
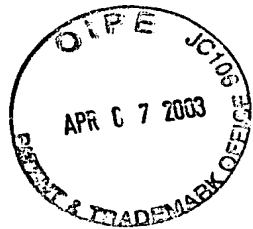


FIG. 38



39/69

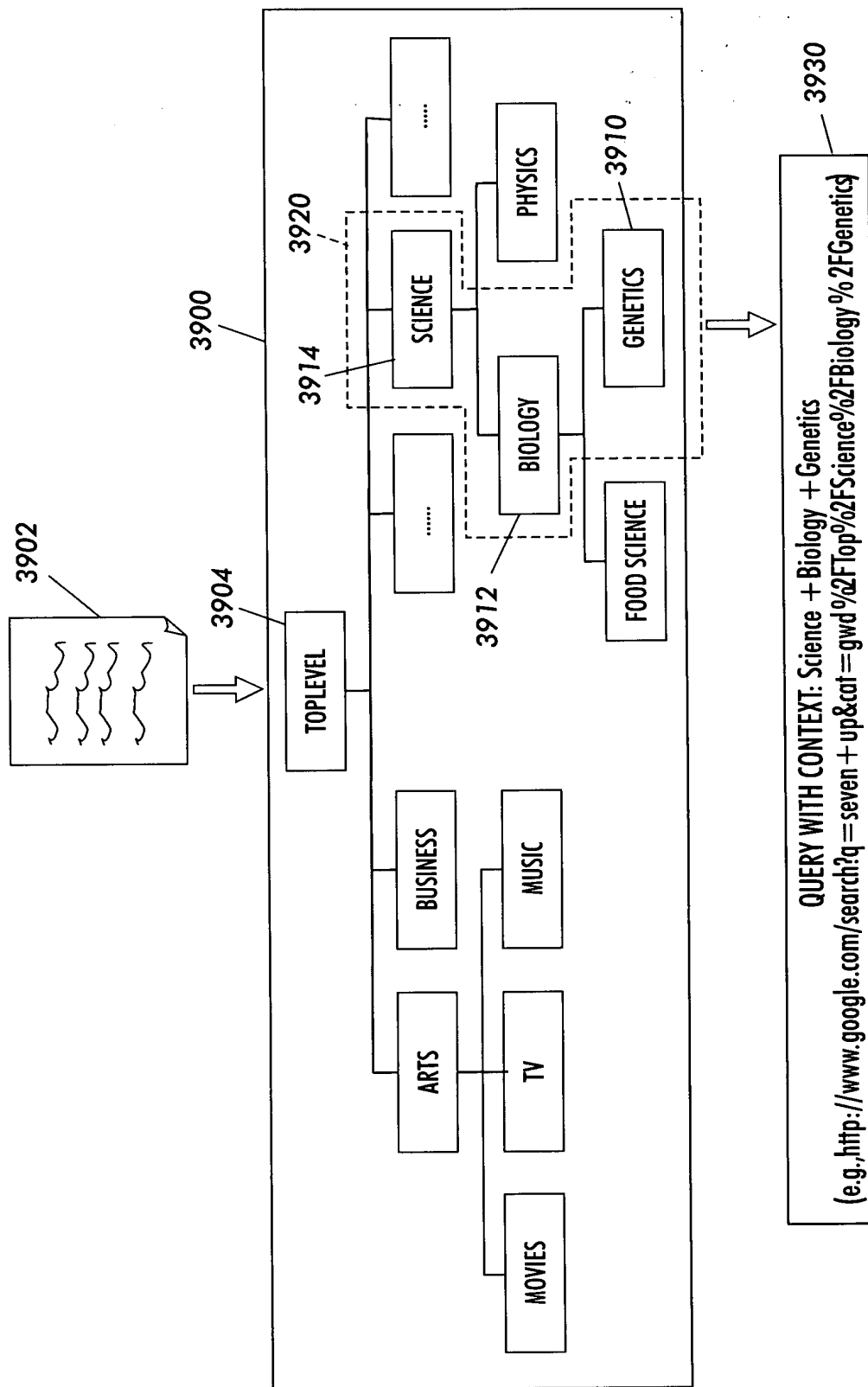


FIG. 39

40/69

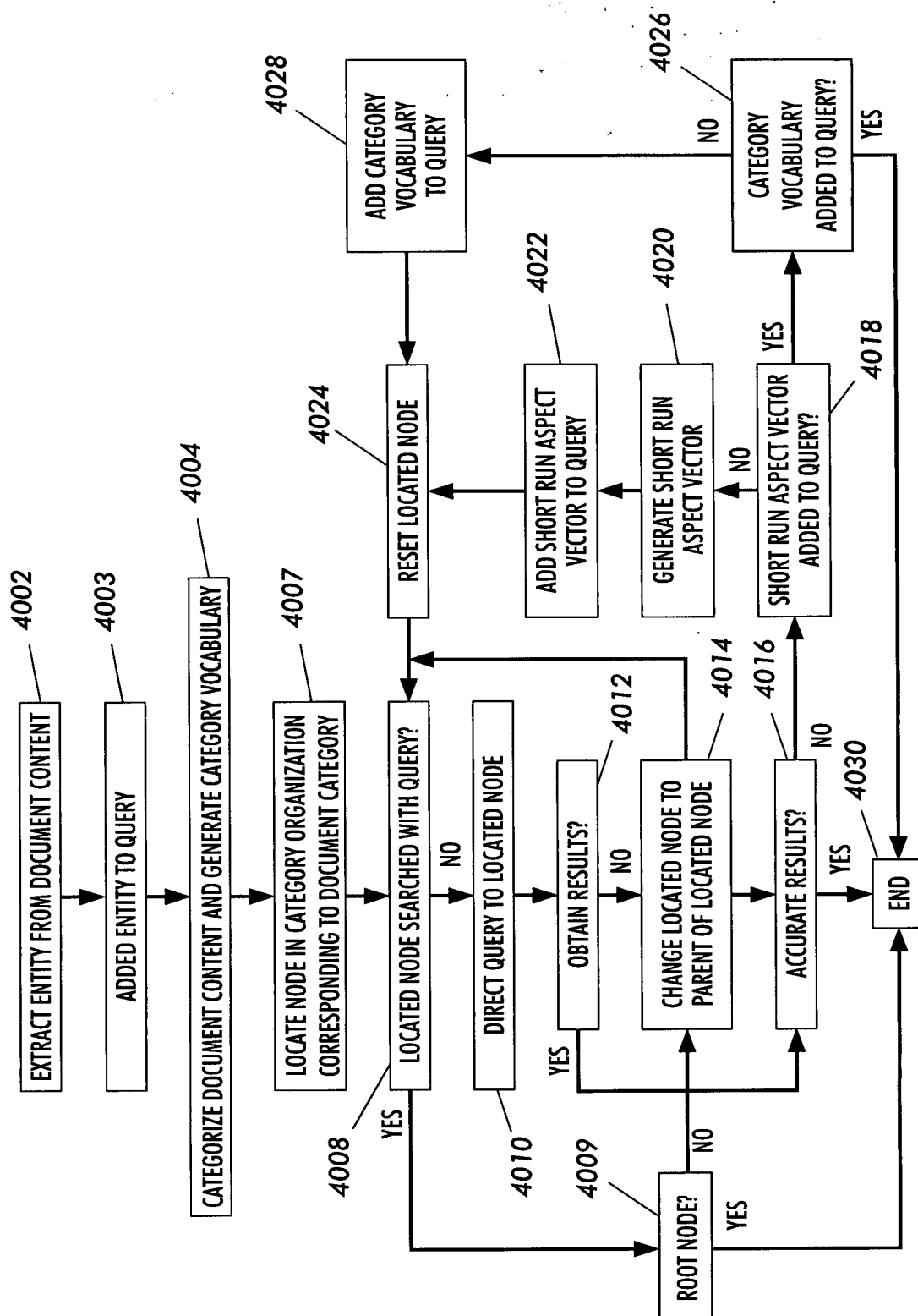
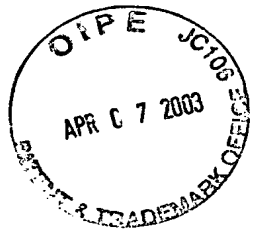


FIG. 40



41/69

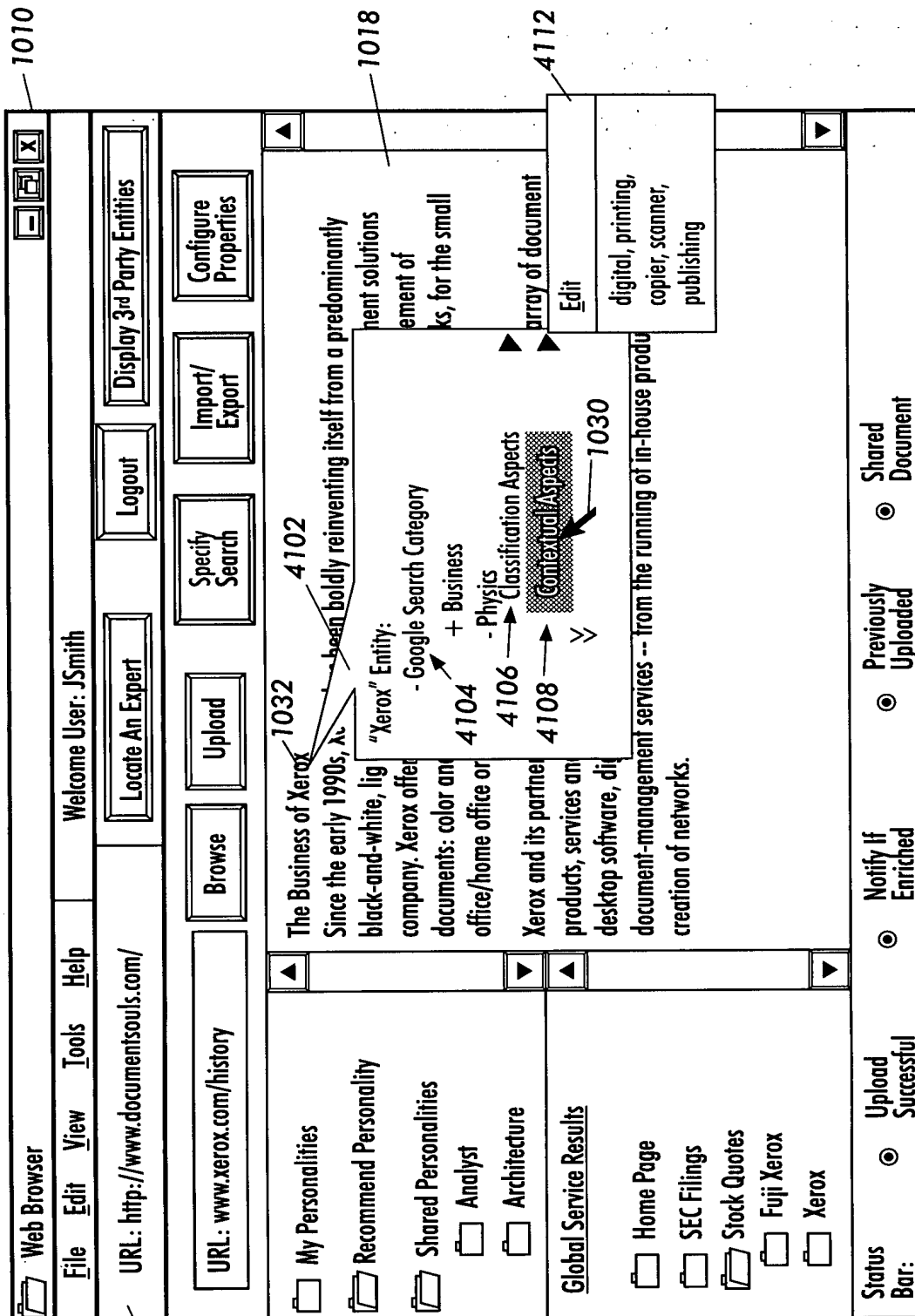


FIG. 41

42/69

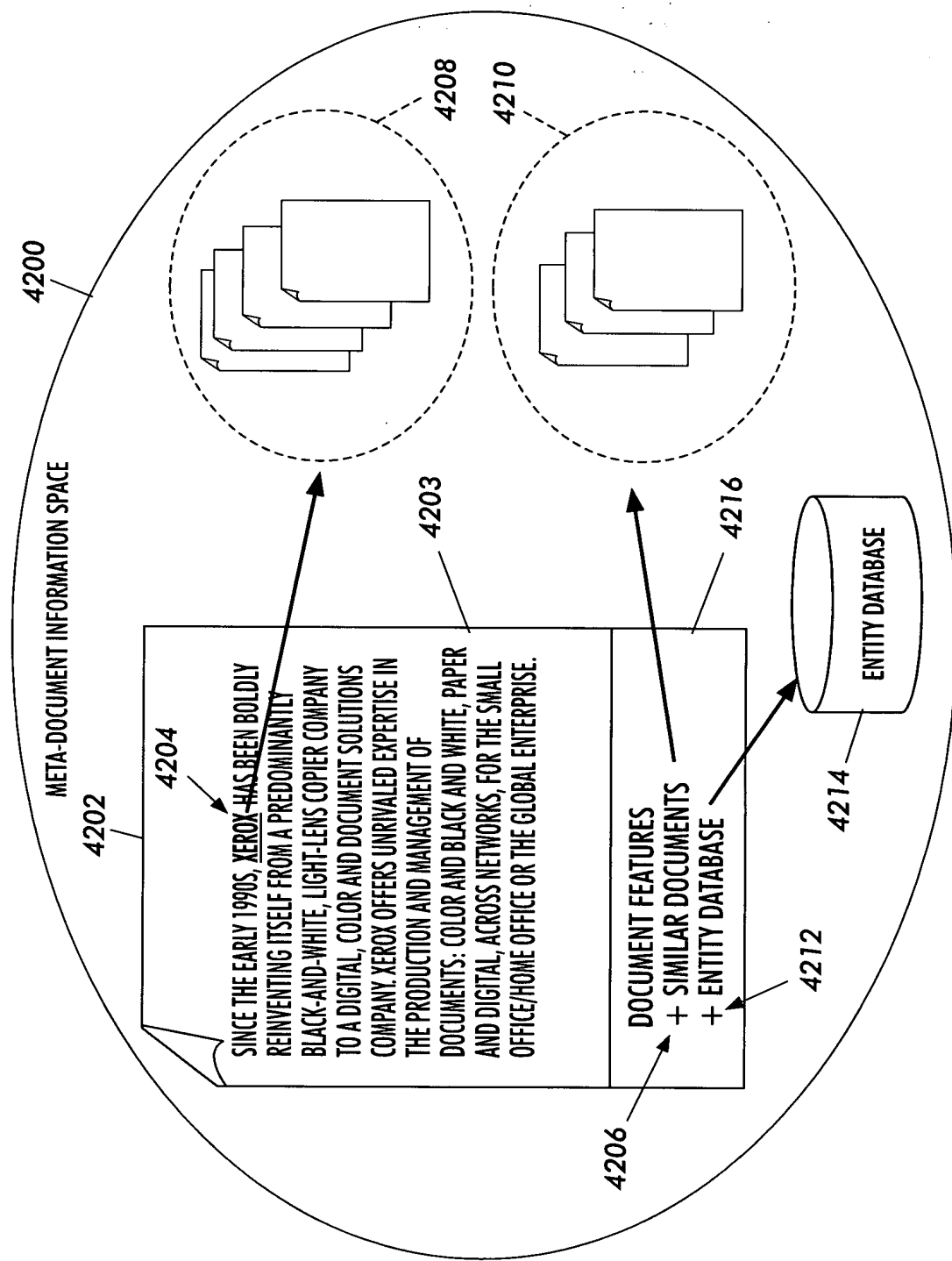


FIG. 42



43/69

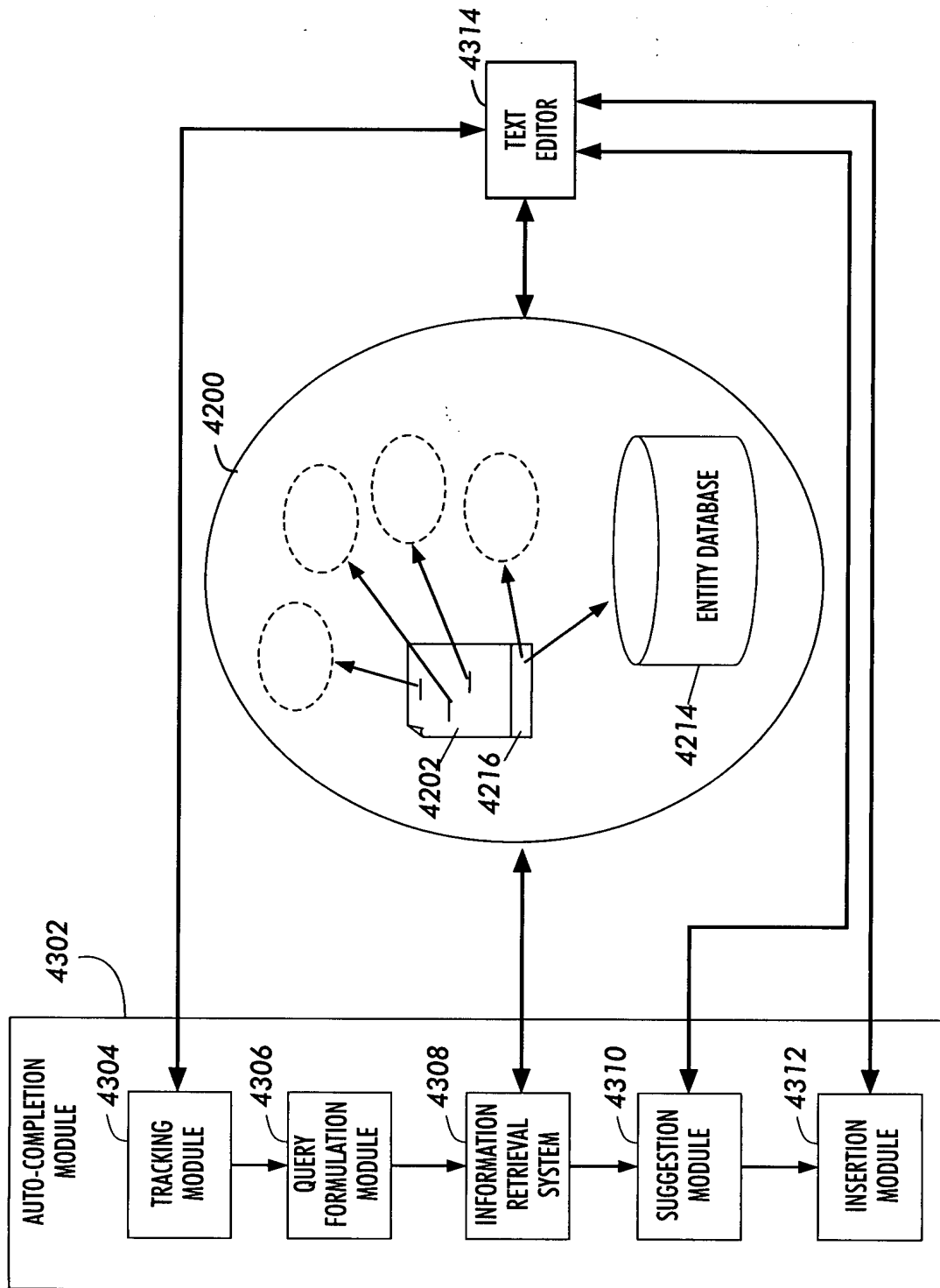


FIG. 43

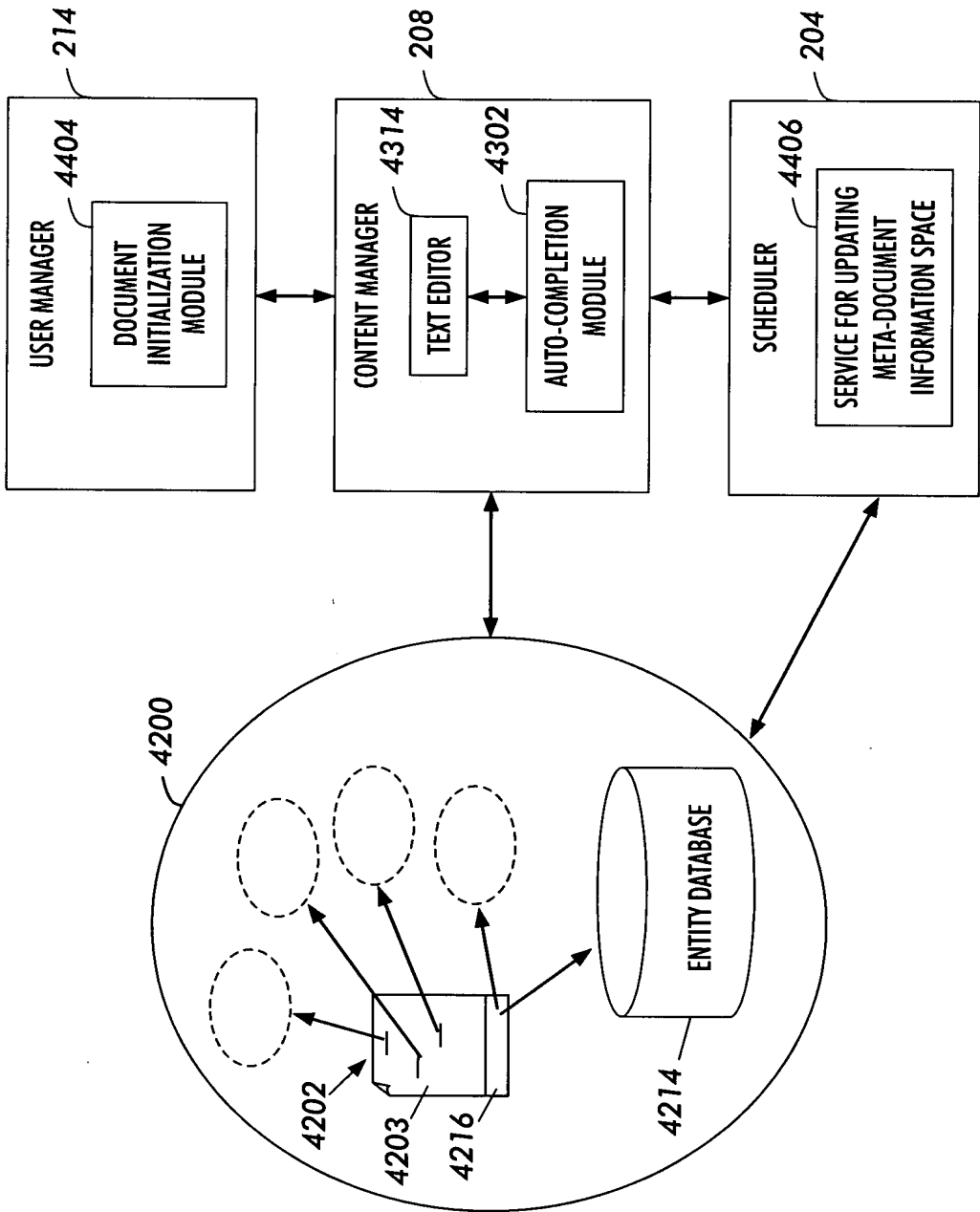


FIG. 44



2172
09/683,235

45/67

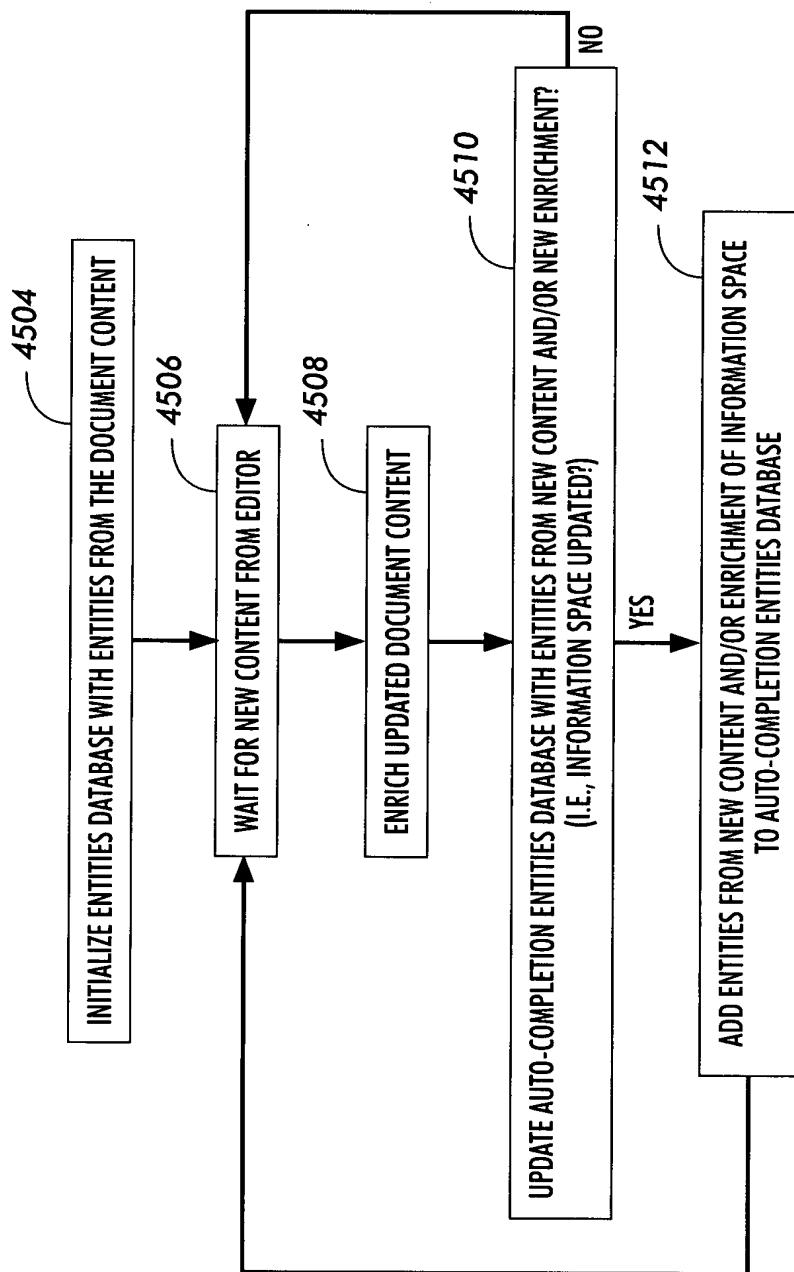
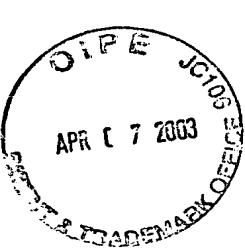


FIG. 45



46/67

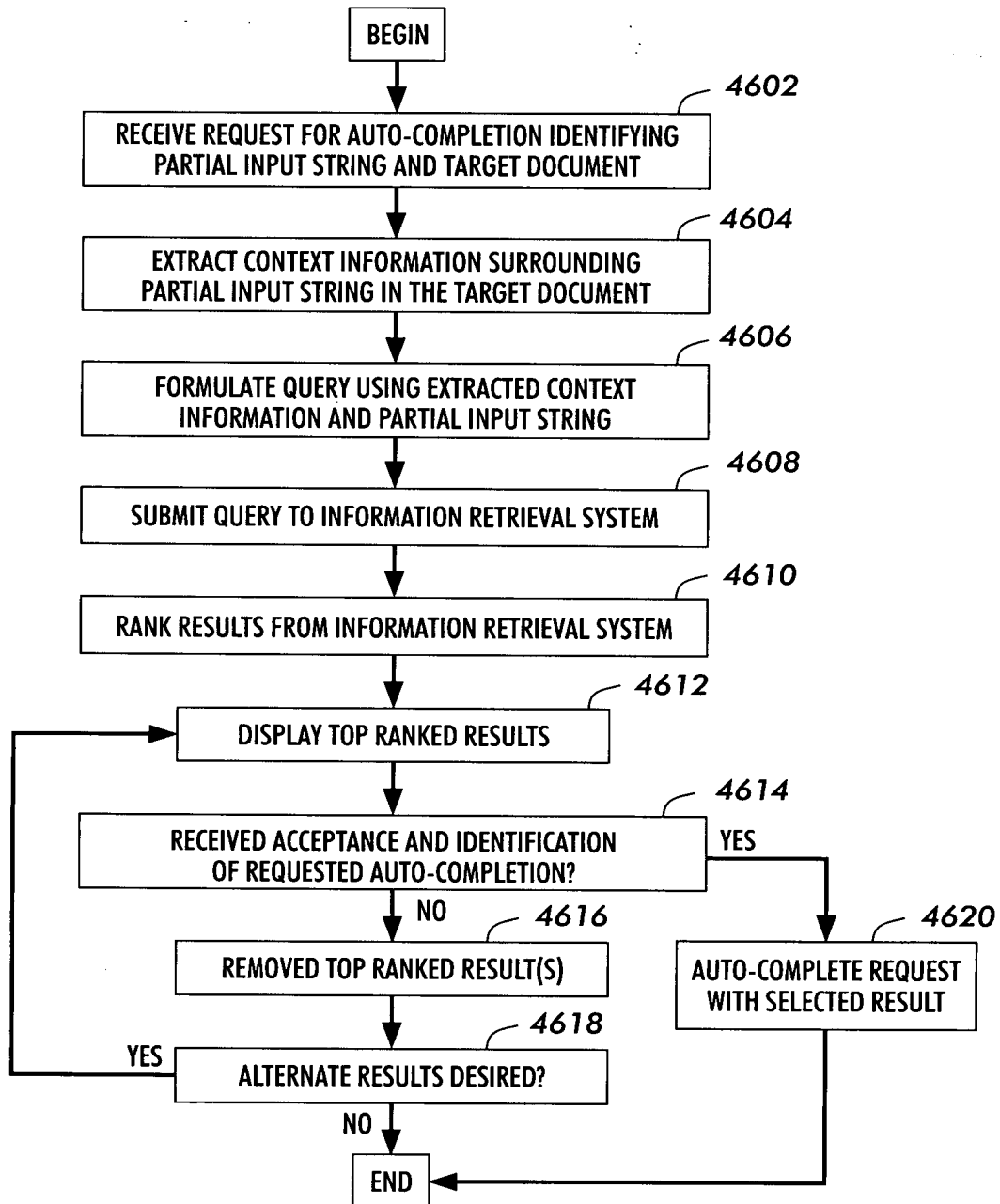


FIG. 46

47/69

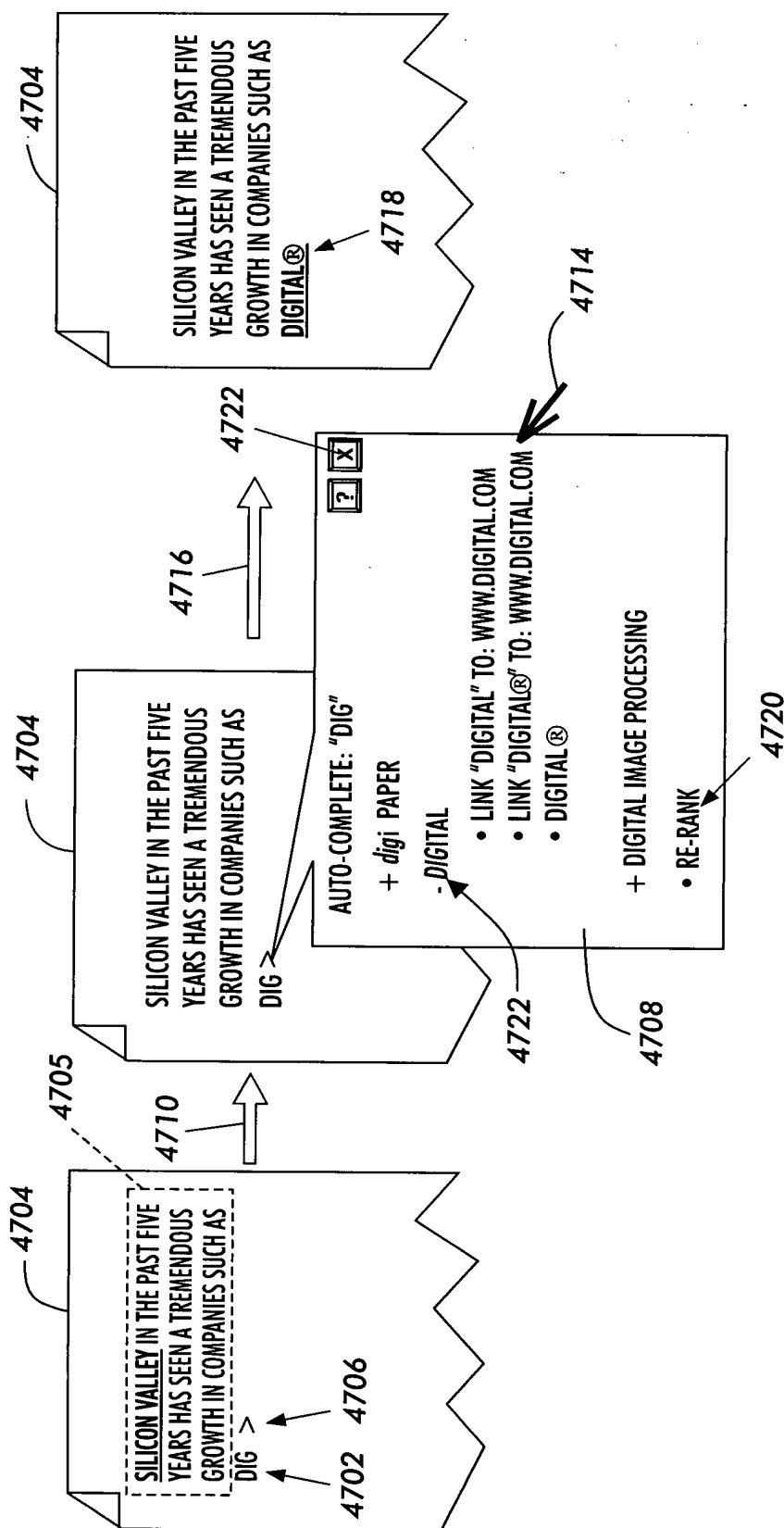


FIG. 47



2172
09/683,235

48/69

(A) KEY	(B) ENTITY	(C) MARKUP	(D) FORMAT	(E) ORIGIN	(F) ORIGIN POSITION	(G) PART OF SPEECH	(H) CONTEXT
Sili	Silicon Valley	www.siliconvalley.com	Capitalize	TARGET DOCUMENT CONTENT	1	Noun	Science
Dig	Digital	www.digital.com	®	www.digital.com	434	Adjective	Science
Dig	DigiPaper	NONE	Bold	www.parc.xerox.com	23	Noun	Science
Dig	digress	NONE	NONE	www.nytimes.com	343	Verb	Politics
...

FIG. 48

49/69

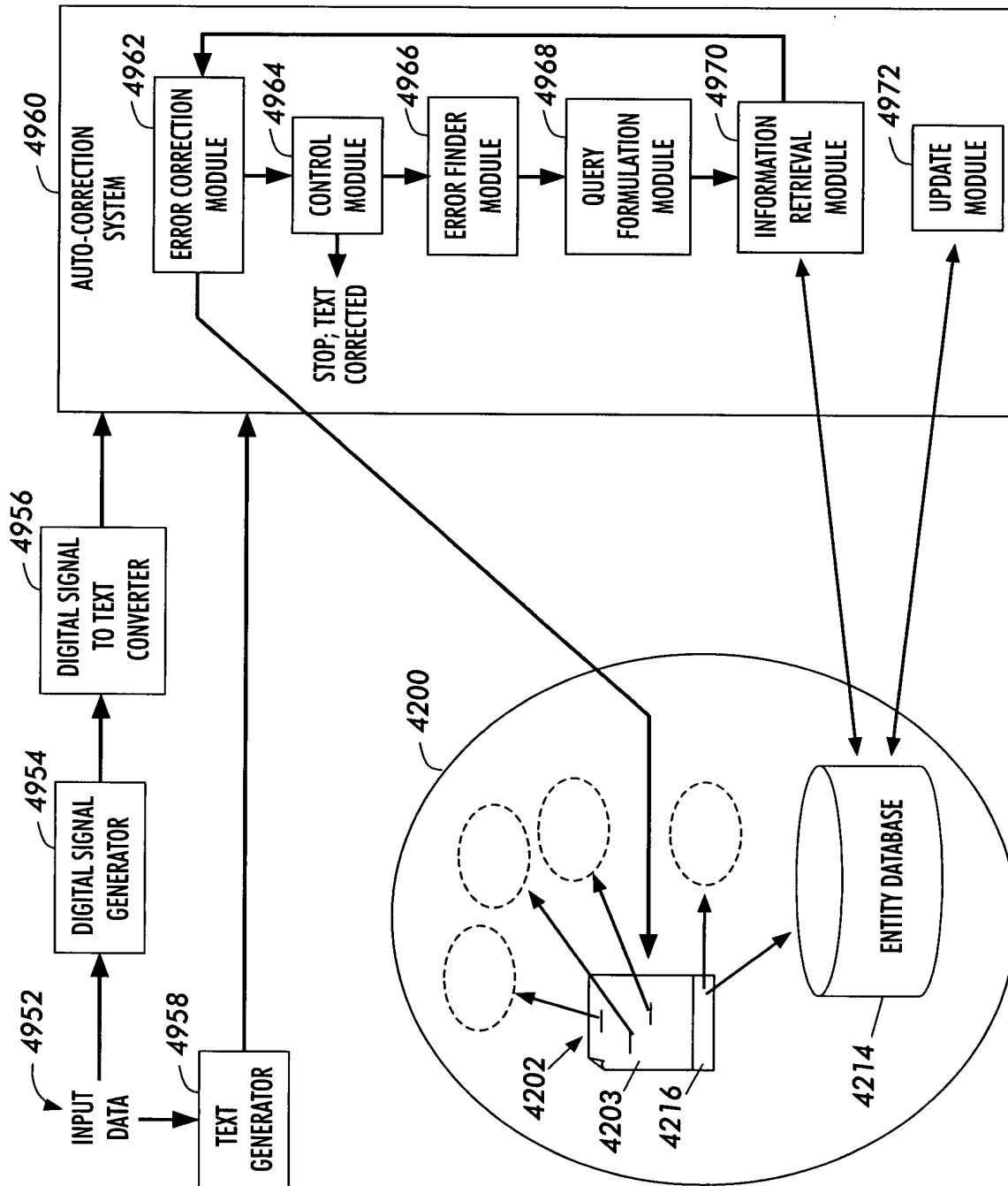


FIG. 49

50/69

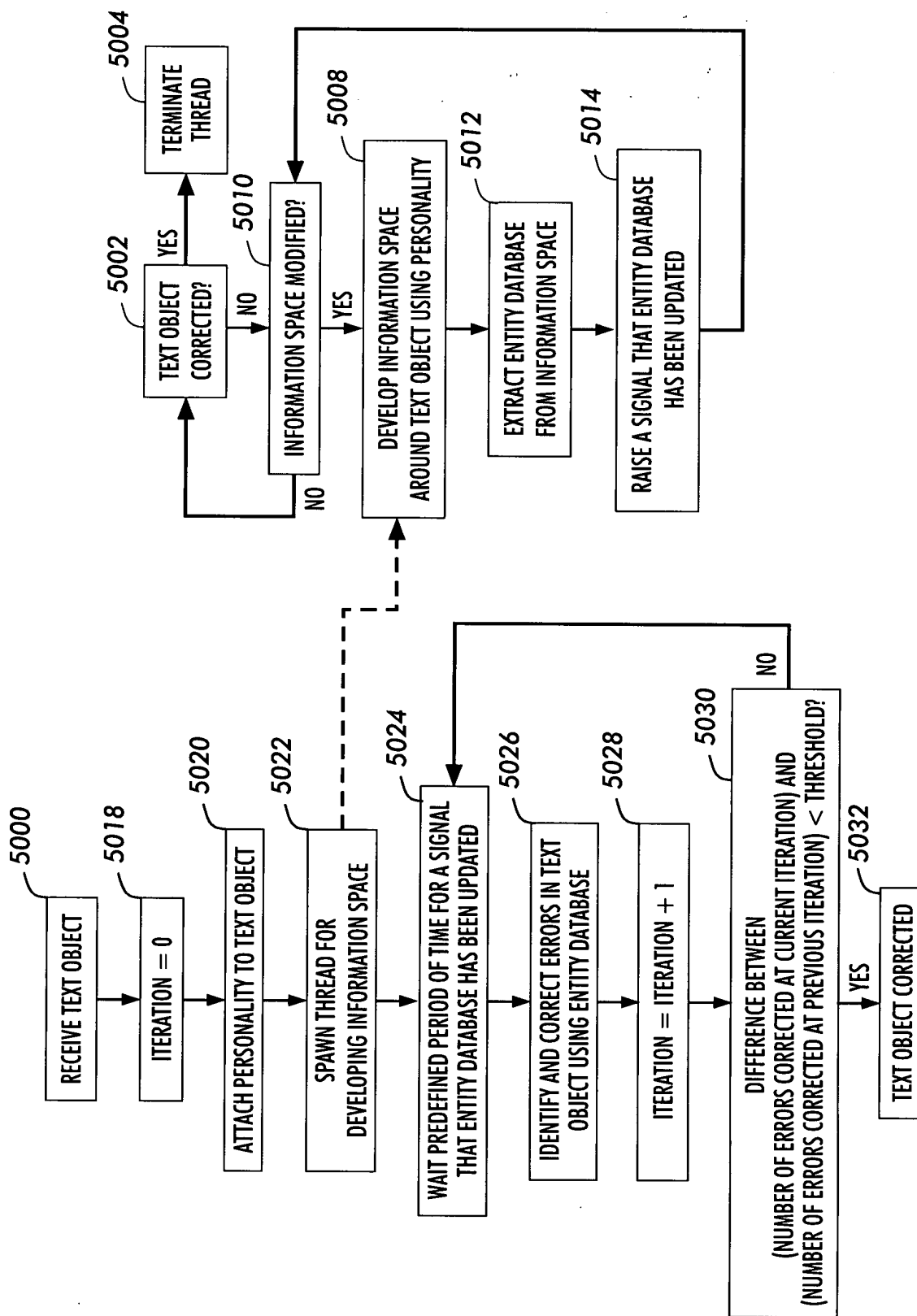


FIG. 50

51/69

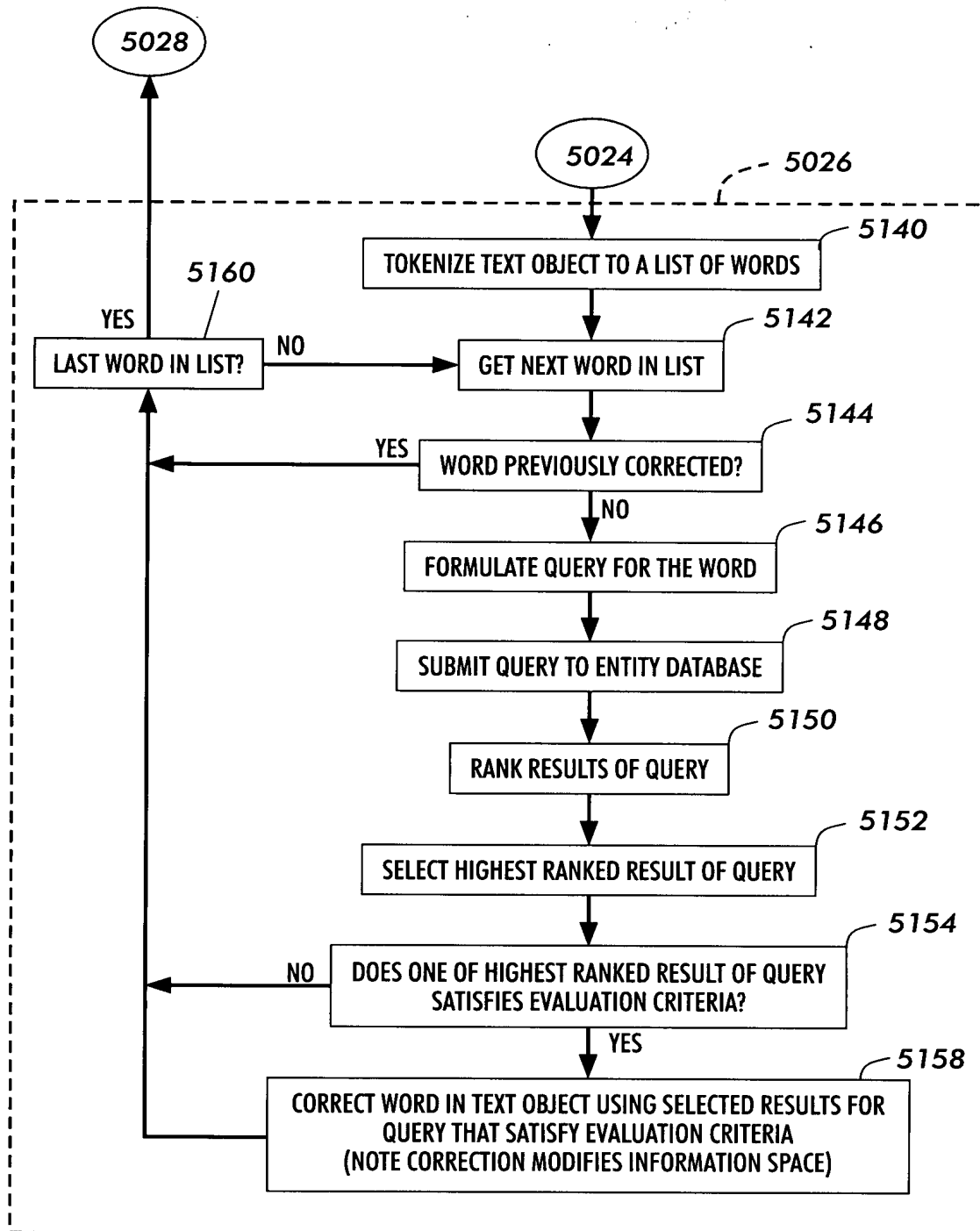


FIG. 51



52/69

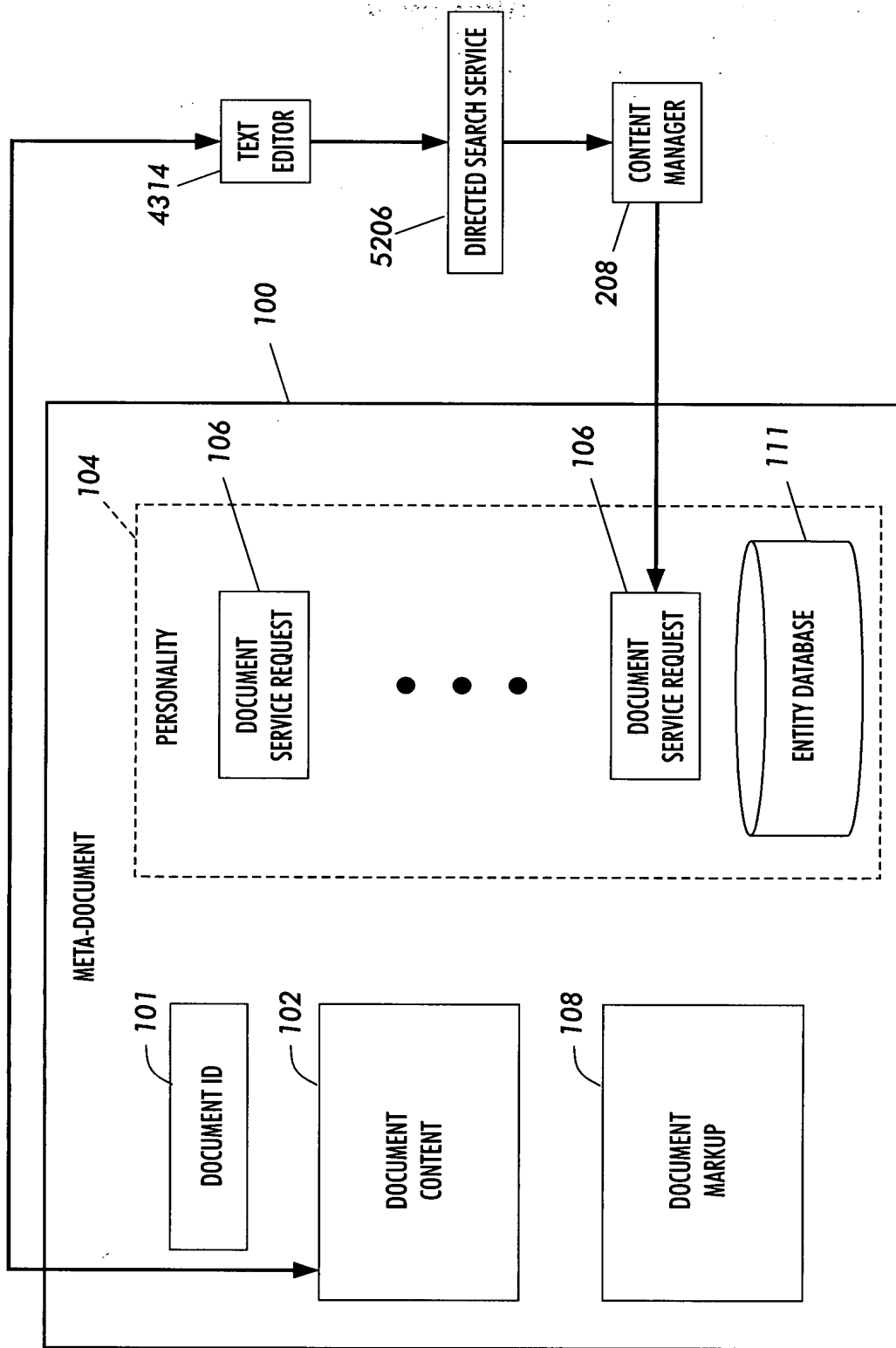


FIG. 52

53/69

5300

DIRECTED SEARCH [?] [X]

5302 Get: For: 5304

5306 Insert Result as: ☐ Link ☒ Content ☐ Metadata

5308 Update Frequency:

5310 Select Providers

Reuters
Thomson
Hoover

Ensures:

Language of text is:

☒ Premium ☐ Non-Premium

☐ Low Quality ☒ High Quality

☐ Copyrighted ☒ Not Copyrighted

☐ Free ☒ Paid Max price \$:

Maximum number of words:

5312

5318 Search Selected Providers By:

5320 ☒ Cost

5322 ☐ Speed

Location Of Results:

☒ After Current Selection

☐ Before Current Selection

☐ As Comment To Current Selection

☐ As Footnote To Current Selection

5314

Current Selection Is:

Xerox in the past five years has seen tremendous growth

5315

5317

5316

Cancel Insert

FIG. 53



54/69

5400

```
<service id='Products'
  refresh=30
  insert='Content'
  language='En'
  quality='Premium&High&Not-copyrighted&paid'
  maxprice='50'
  maxwords='2000'
  search='cost'>
  <entity>Xerox
    <offsets>13 18 456 461 710 715</offsets>
    <provider name='Thomson' id=18></provider>
    <provider name='Reuters' id=19></provider>
  </entity>
</service>
```

FIG. 54



2172
09/683,235

55/69

5500

IMPORT/EXPORT [?] [X]

EXPORT NAME: **BROWSE** [5502]

EXPORT :

- ☒ ORIGINAL DOCUMENT CONTENT
- ☒ DOCUMENT MARKUP (I.E., ENRICHMENT)
- ☒ PERSONALITIES

ADVANCED EXPORT CONTROL [5506]

[5504]

[5508]

☐ IMPORT NAME: **BROWSE** [5512]

IMPORT:

- ☒ ALL CONTENT
- ☐ SELECTED CONTENT ONLY
 - ☐ ORIGINAL DOCUMENT CONTENT
 - ☐ DOCUMENT MARKUP (I.E., ENRICHMENT)
 - ☐ PERSONALITIES

BIND UN-MATCHED ELEMENTS [5510]

ENHANCE BOUND ELEMENTS WITH EXISTING SERVICE PROVIDERS [5514]

[5510] [5514]

[OK] [CANCEL]

FIG. 55



56/69

```
<!-- SERVER ID>
<docsouls:serverid> DS v1.0 server name </docsouls:serverid>
<!-- PROPERTIES OF DOCUMENT>
  <docsouls:docid> xxx </docsouls:docid>
  <docsouls:name> xxx </docsouls:name>
  <docsouls:owner> xxx </docsouls:owner>
...
<!-- ORIGINAL DOCUMENTS DOCUMENT CONTENT>
<docsouls:originaldoc format="HTML">toto.html</docsouls:originaldoc>
<docsouls:browsingdoc format="HTML">browse.html</docsouls:browsingdoc>

<!-- LIST OF PERSONALITIES AND DOCUMENT SERVICE REQUESTS>
<docsouls:endowmentdescription>
<!-- LIST OF PERSONALITIES>
  <docsouls:personality id = " " name=" " etc.>
    <docsouls:service id=" " name=" " etc.>
      <docsouls:provider name=" " etc.>
        <docsouls:provider name=" " etc.>
      </docsouls:service>
    </docsouls:personality>
  ...
<!-- LIST OF SERVICE REQUESTS>
  <docsouls:service id=" " name=" " etc.>
    <docsouls:provider name=" " etc.>
      <docsouls:provider name=" " etc.>
    </docsouls:service>
  ...
</docsouls:endowmentdescription>
```

FIG. 56



57/69

```
<!-- DESCRIPTIONS OF PERSONALITIES >
<docsouls:personalitydescription>
  <docsouls:id> xx </docsouls:id>
  <!-- all the fields AND service categories>
  <docsouls:servicecategory id="" name = "">
</docsouls:personalitydescription>

<!-- NEXT PERSONALITY DESCRIPTION>
...

<!-- DESCRIPTION OF DOCUMENT SERVICE REQUESTS >
<docsouls:servicedescription>
  <docsouls:id> xx </docsouls:id>
  <!-- list all fields (e.g., "refresh period", category, etc.)>
  <!-- list all providers>
  <docsouls:provider id="" name = "">
  <!-- list all strategies>
  <!-- list status of services (original, frozen, mapped, etc.)>
  <docsouls:servicestatus status="mapped" originalid="" originalserver="">
  <!-- list ServerId if the service was not available on current server>
  <docsouls:serverid>id</docsouls:serverid>
</docsouls:servicedescription>

<!-- NEXT SERVICE REQUESTS DESCRIPTION>
...
```

FIG. 57



58/69

58/69

2172
09/683,235

```
<!-- DESCRIPTION OF PROVIDERS >
<docsouls:providerdescription>
  <docsouls:id> xx </docsouls:id>
  <!-- all the fields e.g. key, URL, etc.>
</docsouls:providerdescription >

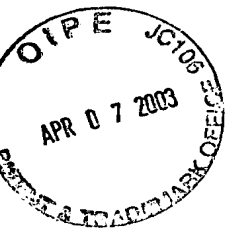
<!-- DESCRIPTION OF DICTIONARIES >
<docsouls:dictionarydescription>
  <docsouls:id> xx </docsouls:id>
  <!-- all the fields, e.g. category>
</docsouls:dictionarydescription>

<!-- DESCRIPTION OF STRATEGY >
<docsouls:strategydescription>
  <docsouls:id> xx </docsouls:id>
  <!--all the fields>
  <!--all the dictionaries>
</docsouls:strategydescription>

<!-- RESULTS OF GLOBAL SERVICES >
<docsouls:globalservice id="Summary">
  <docsouls:link> xxx </docsouls:link>
  <docsouls:content> xxx </docsouls:content>
</docsouls:globalservice>

<!-- OTHER RESULTS (E.G. KEYWORDS, CATEGORIES, ETC.) >
```

FIG. 58A



2172
09/683,235

59/69

```
<!-- (OPTIONAL) DESCRIPTION OF ENRICHMENT PERFORMED AT OTHER DOCUMENT ENRICHMENT
SYSTEMS>
<docsouls:serverid>olderServerId</docsouls:serverid>
<docsouls:personalitydescription>...</docsouls:personalitydescription>
<docsouls:servicedescription>...</docsouls:servicedescription>

<!-- (OPTIONAL) LIST OF RESULTS OF THE LAST ENRICHMENT >
<!-- IDENTIFY DOCUMENT SECTION IN CASE OF MULTI-PART DOC >
<docsouls:docpart>main_frame.html</docsouls:docpart>
<!-- OFFSET WHEN ENRICHMENT APPLIES TO A SECTION >
<docsouls:offset> 0 200 </docsouls:offset>
<!-- STATUS OF SERVICE APPLIED ("ACTIVE" OR "FROZEN") >
<docsouls:service id="StockQuote" status="active">
  <!-- ENTITY>
    <docsouls:entity>Xerox
      <!-- NORMALIZED FORM >
      <docsouls:normform>Xerox</docsouls:normform>
      <!-- LIST OF OFFSETS WHERE ENTITY IS FOUND IN TEXT RELATIVE TO SECTION >
      <docsouls:offsets start=35 end=40 />
      <docsouls:offsets start=232 end=237 />
      <!-- DICTIONARIES >
      <docsouls:dict> xxx </docsouls:dict>
      <!-- STRATEGIES >
      <docsouls:strat> xxx </docsouls:strat>
      <!-- LINK INFORMATION >
      <docsouls:link> xxx </docsouls:link>
      <!-- CONTENT INFORMATION >
      <docsouls:content> xxx </docsouls:content>
    </docsouls:entity>
  <!-- NEXT ENTITY>
  ...
</docsouls:service>
```

FIG. 58B



60/69

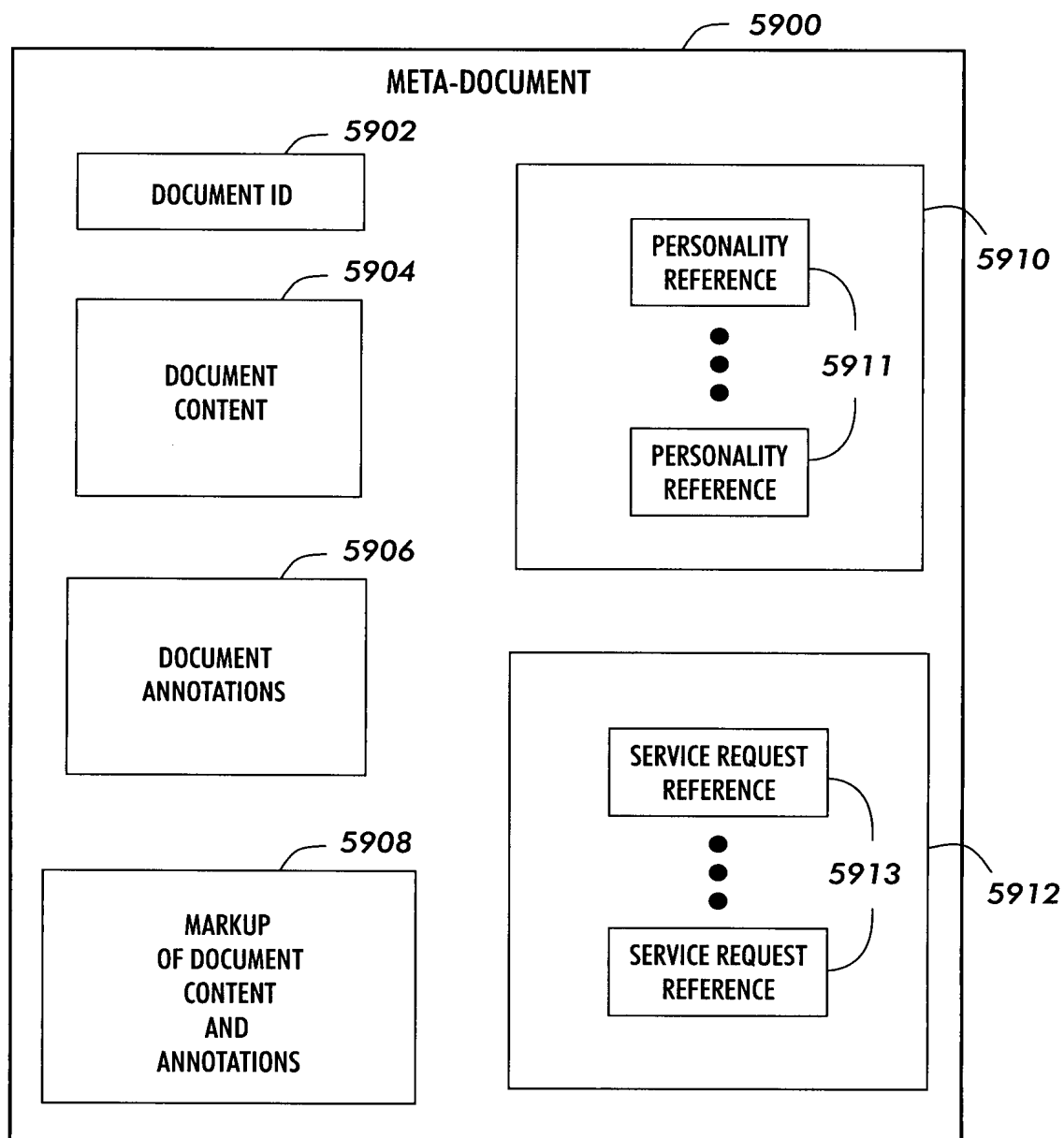


FIG. 59



61/69

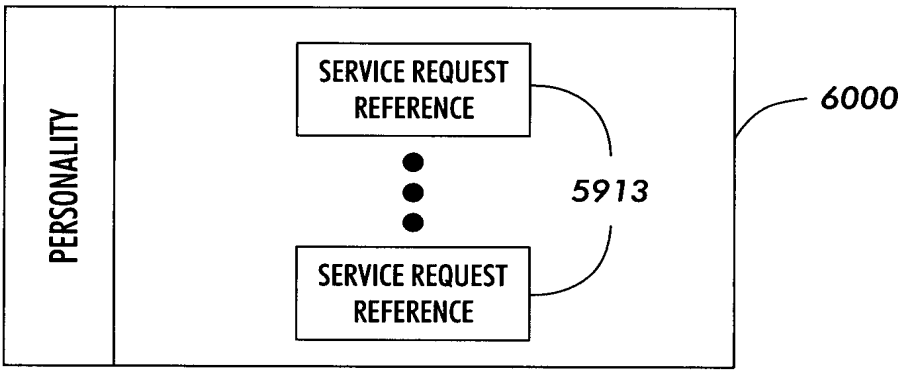


FIG. 60



62/69

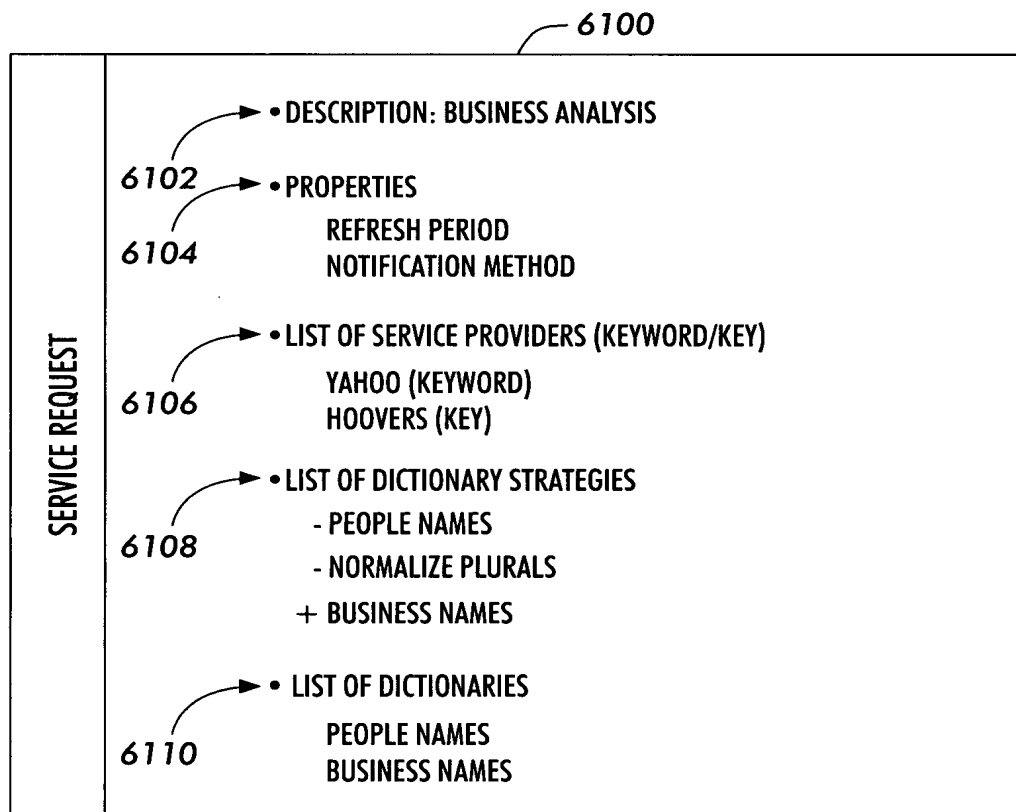
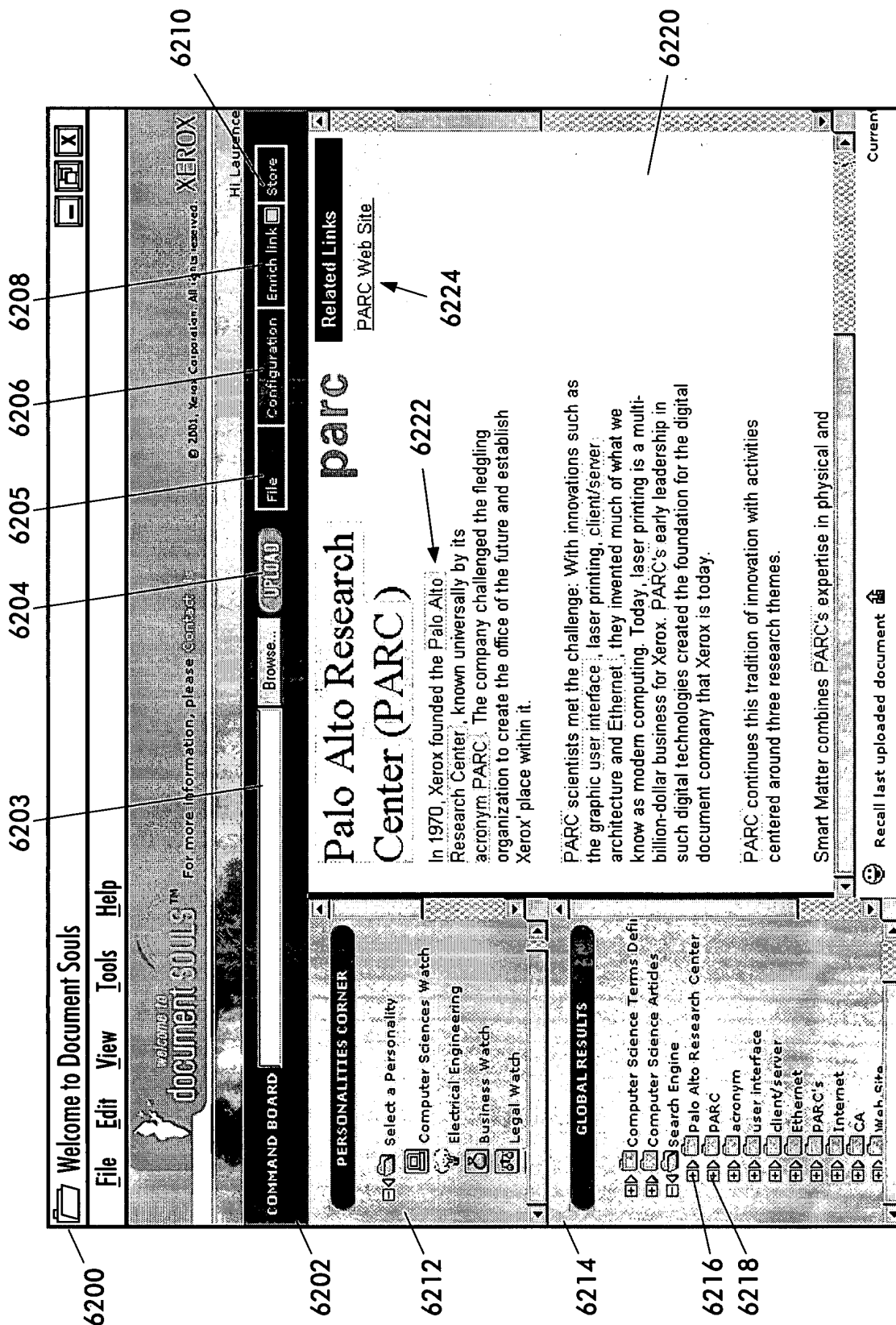


FIG. 61

63/69





64/69

6300

6306 6310 6312

DOCUMENT SOUL GLOBAL VIEW

Document : <http://www2.xerox.com/go/...>
Personality : Computer Sciences Watch

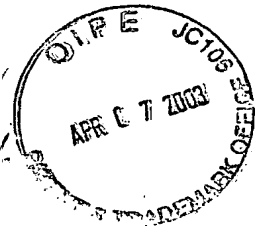
	100%	100%	100%	100%	100%	100%	100%	100%	100%
Global percent									
harcourt Computer Science Terms Definition									
nighflight Computer Science Terms Definition									
techweb Computer Science Terms Definition									
nist Algorithms Description									
calliope Computer Science Articles									
citeseer Computer Science Articles									
csb Computer Science Articles									

Preparing document view.

GetView

6302
6304
6308

FIG. 63



2172
09/683,235

65/69

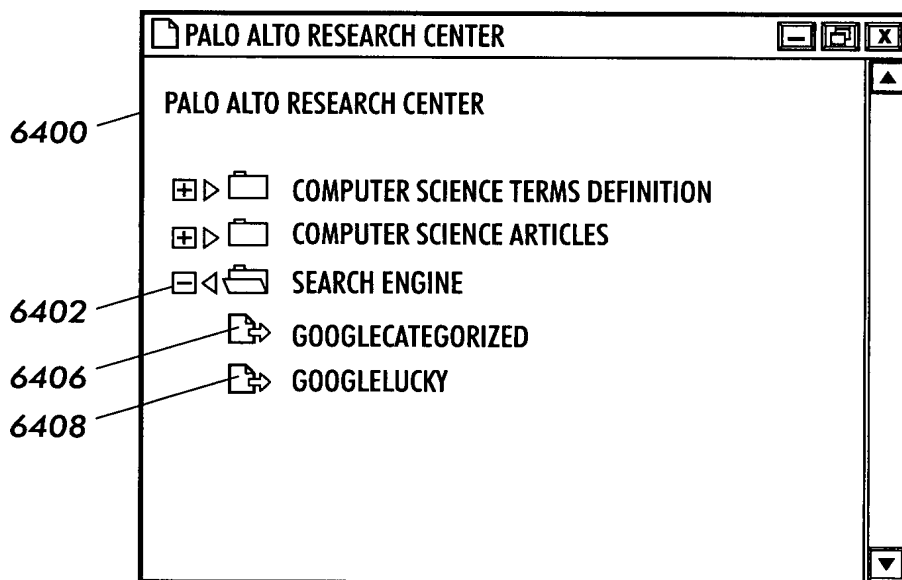


FIG. 64



66/69

2172
09/683,235

66/69

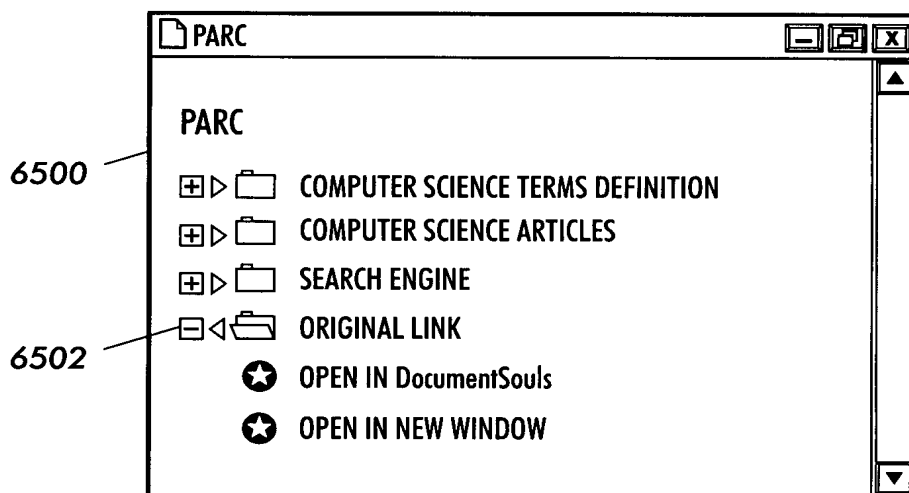
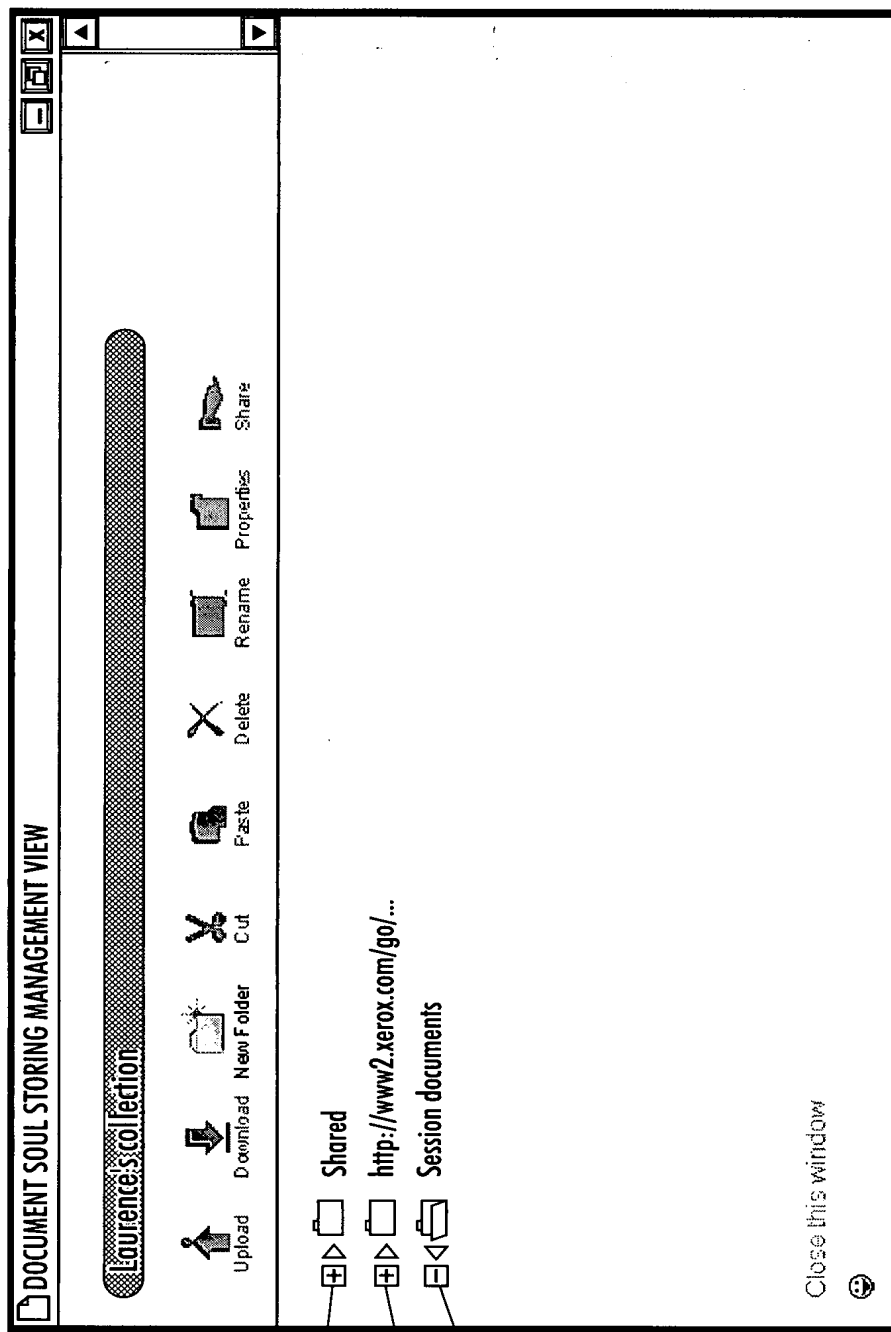


FIG. 65



67/69



6600

6606

6604

6602

FIG. 66



68/69

6700

DOCUMENT SOUL MARKING OPTIONS

Marketing and Enrichment options

Add an enrich button to your browser: Enrich with DocSouls (drag & drop this link to your toolbar, Unix Netscape user: right click on the link and choose **add bookmark for link** then edit your bookmark and rename it)

Default personality:

☐ Choose default personality: Computer Sciences Watch

☒ Always ask for personality

Color of marked words:

☐ Automatically enrich any uploaded document with the default personality

☒ Enrich followed links

SUBMIT CANCEL

6702

6704

6706

6708

6710

FIG. 67

DOCUMENT SOUL SERVICES CONFIGURATION

List of available service categories

Abstracts

Name	Type	Status	Priority	Provider	File(s)	Refresh	Query
Abstracts from Compendex	STANDARD	Unknown	LOW	uspatent_office	List	none	LINK
Abstracts from Website Ab	STANDARD	Unknown	LOW	website_abstracts	List	none	LINK

6800

6802

6804

List of all Abstracts from Compendex dictionaries

Name	Category	Select
electricalEngineering	/Science/Technology/	<input checked="" type="checkbox"/>
names	?Society/People/	<input checked="" type="checkbox"/>

FIG. 68